

Florida Department Of Agriculture



37th Biennial Report

*for the period of
July 1, 1960 to June 30, 1962*

DOYLE CONNER, Commissioner
Tallahassee, Florida

Directory of Officials

Doyle Conner, Commissioner of Agriculture
Frank W. Risher, Assistant Commissioner of Agriculture
Director, Division of Administration
Dr. W. G. Cowperthwaite, Director, Division of Plant Industry
Dr. C. L. Campbell, Director, Division of Animal Industry
Alex Shaw, Director, Division of Dairy Industry
Nat Mayo, Director, Division of Inspection
Nalls Berryman, Director, Division of Standards
George Copeland, Director, Division of Fruit and
Vegetable Inspection
Dr. Vincent E. Stewart, Director, Division of Chemistry
J. B. Owens, Director, Division of Marketing

Offices

The principal offices of the Department are located at Tallahassee, in either the Capitol or the Mayo Building, with the exception of the Division of Animal Industry at 2208 South Monroe St.

Other offices are located as follows:

Regional Office: 1350 NW 12th Avenue, Miami

Fruit & Vegetable Inspection Division: Citrus Building, Winter Haven

Florida Marketing Bureau: 430 West Monroe St., Jacksonville

Florida State Farmers Markets: Citrus Building, Winter Haven

Division of Plant Industry: Seagle Building, Gainesville

Vegetable Inspection Section, 634 East Marks Street, Orlando

Florida Crops and Livestock Reporting Service, 1222 Woodward Avenue, Orlando

Cover

The recently-adopted seal of the Florida Department of Agriculture places additional emphasis on the many regulatory activities of the Department. It replaces one adopted in 1889 and persons viewing it immediately identify it with the Department.



Governor
Farris Bryant

Letter of Transmittal

The Honorable Farris Bryant
Governor of Florida
Dear Governor:

It is a privilege to submit to you the 37th Biennial Report of the Florida Department of Agriculture for the period July 1, 1960 to June 30, 1962.

Only those activities that have been instituted as new projects and those services which have been expanded considerably are emphasized in this report. The increase in population and the resulting demands for services have greatly strained the resources of our Department in keeping up with such demands.

I feel certain, however, that the personnel of the Florida Department of Agriculture are living up to their responsibilities, and this report will indicate that they are dedicated public servants.

Respectfully submitted,
Doyle Conner
Commissioner

Commissioner
of Agriculture
Doyle Conner



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Reorganization

The Florida Department of Agriculture is responsible for promoting the general welfare of Florida agriculture as well as enforcing regulatory laws to protect agriculture and the consuming public.

In 1957, the Florida Legislature made a study of the realignment of governmental services to agriculture. This reorganization act became law in 1959 and became effective January 15, 1961.

The reorganization streamlined the Department and eliminated duplications of services, consolidated functions and brought under the Commissioner of Agriculture some strictly agricultural activities administered by other agencies.

Major changes in the reorganization called for the transfer of personnel and programs of the State Plant Board and the Florida Livestock Board to the Department. Similarly transferred and absorbed were the staffs of the State Agricultural Marketing Board and the State Chemist. Several non-agricultural divisions were either abolished or transferred. The State Land Office and the Field Notes Division were transferred to the Trustees of the Internal Improvement Fund. Abolished was the old Bureau of Immigration from which the present Department was developed.

There are nine divisions in the Department of Agriculture. Each is charged with specific powers, duties and responsibilities. They carry out the work of the Department under the direction of the Commissioner. These divisions include Administration, Plant Industry, Animal Industry, Dairy Industry, Inspection, Standards, Fruit and Vegetable Inspection, Chemistry and Marketing.

The Divisions of Animal Industry, Chemistry, Dairy Industry and Plant Industry have technical committees appointed by the Commissioner from the respective industries to advise and to keep him up to date on industry problems and trends. There is also a 22-man Agricultural Advisory Council which advises the Commissioner on agricultural matters.

The Commissioner of Agriculture is charged with leadership and supervision in the field of agriculture, administration of regulatory laws established for the health and welfare of consumers and farmers, and leadership in State affairs as a member of the State Cabinet and various other boards and commissions.

It isn't only the agricultural producer—the farmer, rancher,

grove owner or any other engaged in agricultural pursuits—who benefits from the activities of the Department of Agriculture. The life of every person in the State is affected in some degree in one way or another by this agency. Everyone is primarily a



Commissioner Conner and Colin English, chairman of the Florida Agricultural Advisory Council, discuss operations of that counselling group.

consumer of food and fiber. It is the responsibility of the Department to assure the production of adequate, wholesome supplies of food and adequate supplies of the fiber with the quality the people demand.

The Florida Department of Agriculture today is a result of services requested by the State's rapidly expanding population, a wide-spread development of research in many fields, and the constant progress and change taking place in our mode of life.



Commissioner Conner addresses the Agricultural Advisory Council at one of its meetings.

Advisory Council

One of the important new changes during the biennium was the appointment of a State Agricultural Advisory Council. Under the reorganization, the Commissioner appointed a 20-man advisory group to counsel and consult with him in connection with the promulgation, administration and enforcement of various regulations and activities of the Department. This group was later increased to 22 members during the 1961 Legislature.

The additional Technical Committees and Assistant Commissioner of Agriculture were appointed to complete the top level and administrative staff of the Department.

A regional office making facilities and services of the Department of Agriculture more readily available to the people in Southeast Florida was opened in Miami in early 1961. The special office was needed in that fast growing population center to keep up with the increasing demands for the departmental services. The departmental activities and programs in Palm Beach, Broward, Dade and Monroe Counties are handled through that office.



Division Directors meet with Commissioner Conner to plan projects. They include (seated left to right) Frank W. Risher, Assistant Commissioner and Director of Administration; Commissioner Conner; Nat Mayo, Inspection; (standing left to right) Nalls Berryman, Standards; Alex Shaw, Dairy; Dr. W. G. Cowperthwaite, Plant Industry; George Copeland, Fruit and Vegetable Inspection; Dr. Vincent Stewart, Chemistry; and Dr. C. L. Campbell, Animal Industry. Pictured in inset is J. B. Owens, Director of the Division of Marketing.

Division of Administration

Personnel Section

A system for personnel administration as contemplated in Chapter 570, Florida Statutes, has been established. This includes a classification plan covering all positions and a comprehensive pay plan for each classification.

Due to the low salary scale, considerable difficulty has been encountered in recruiting and retaining technical personnel. During the biennium extensive surveys have been conducted for the purpose of keeping the Department's pay plan in step with private industry and other governmental agencies. It is believed that the Department's salary recommendations to the 1963 session of the Legislature will help overcome the difficulty encountered in recruiting and retaining technical personnel.

Agricultural Information

The Department of Agriculture in all of its activities has tried to be a spokesman for Florida agriculture. We have tried to acquaint the public with the part that Florida agri-business plays in the economy in the State of Florida. Feature stories, speeches, news releases and personal contacts have all been used in an effort to acquaint our non-farming friends with the progress of agriculture and the fact that the efficiency in American agriculture has made possible the great industrial productivity of the United States.

At the same time, the Department has urged tax assessors in various counties to become more sympathetic to farmers and ranchers and to not let them forget the importance of green belts as our state continues to grow and prosper. It has been stressed that urban communities should take a closer look at the importance of agriculture, that the future success of Florida agriculture depends on the people of Florida. It is they who must sit up and take notice of movements such as tax assessments which may stifle the progress of this industry.

During the biennium, new programs instituted by this section included the regular weekly "Farm Front" column, sent to weekly newspapers and the Florida Market Bulletin, various agricultural promotional programs, both in and out of state, handling arrangements for the "SunFLavor" agricultural trademark contest, developing a new seal for the Florida Department of Agriculture, distribution of a regular series of features on Flor-

ida Agriculture, and the publication of a number of new agricultural bulletins.

Civil Defense Section

Of vital importance to all Florida citizens, especially those in large urban centers, are the food supplies that will be available in the event of a disaster. The Department has been working actively with the State civil defense organization to draw up plans for use in such emergencies.

Civil defense plans place responsibility for the control of all food, petroleum and liquid petroleum gas supplies at the retail level in Florida with the Department of Agriculture. All planning for this purpose is being coordinated with the work of other state agencies that will have special duties in the event of an emergency and with the U. S. Department of Agriculture.

Preservation of food producing areas in close proximity to large centers of population fits into the concept of long-range civil defense planning. This is another reason why the Department has urged more liberal tax policies on agricultural lands adjacent to urban areas.

In addition to the specialized training in chemical, biological and radiological warfare, most of the employees of the Department have taken the civil defense survival course, and arrangements have been made for all others to take the course.

Agricultural & Livestock Fair Committee

Florida citizens and visitors are entitled to the best fairs, expositions, and livestock shows in the nation and the Department of Agriculture and Agricultural & Livestock Fair Committee is pleased to cooperate in making this a reality. Approximately 4½ million people attended these activities during the 1961-62 biennium.

During the first half of the biennium, laws pertaining to traveling shows, exhibitions, and other amusement enterprises were administered by the Committee which greatly increased the State's revenue, as well as curtailed undesirable traveling shows.

Laws regulating fairs and livestock shows are administered by the Agricultural & Livestock Fair Committee. Several new associations have been organized and those previously in operation have been greatly upgraded.

Exhibit buildings have been constructed and improved facilities added in 21 counties through the matching funds program.

The Committee assists the Florida Federation of Fairs in
(continued on page 33)

Plant Industry

The Division of Plant Industry, formerly known as the State Plant Board, became part of the Department under the Reorganization in January 1961. It has carried on its programs of controlling, eradication and prevention of dissemination of plant pests and diseases.

Highlights of the past biennium include a program to help the City of Key West fight Lethal Yellowing disease, a battle against the Mediterranean fruit fly, the demonstration of a new fire ant bait, the production of virus-free citrus trees under the budwood registration program, and the reduction in costs for various inspections enforced by this Division.

Activities by Sections of the Division follow:

Entomology

The duty of this section is to identify insects and mites submitted by Division plant inspectors and other persons, conduct surveys of agricultural and horticultural crops to determine the insect population present, and to build a general reference collection, describe new arthropod species found in surveys and to evaluate existing published, scientific works. The collection contains approximately 237,000 pinned and labeled specimens, 14,000 slide mounts and 3,500 vials of alcohol specimens.



Planes used in Med-fly spraying.

A new mite to citrus, *Aculus pelekassi* K., was found in 3 counties and a lawn grass mite, *Aceria neocynodonis* K., was found on 50,000 acres of Bermuda grass at Patrick Air Force Base. There were several new scales and a mealybug found for the first time in Florida.

The camellia mining scale, *Pseudaonidia clavigera* (Cockerell), is especially destructive to camellias in the Pinellas peninsular.

A leatherleaf fern borer continues to plague the fern growers. Controls are being tested with the assistance of the Florida Agricultural Experiment Station.

Surveys of the Cuban May beetle show this pest to be slowly spreading. It is a general feeder of ornamentals and native host plants.

A large number of donations of certain arthropods have been made to the collection by various specialists.

A large portion of the library has been catalogued, a number of new volumes have been added and the staff members are making good use of the library facilities.

Plant Pathology

This Section identifies disease specimens submitted, makes essential investigations in line with the Division's work, conducts surveys of agricultural and horticultural crops to determine plant
(continued on page 34)



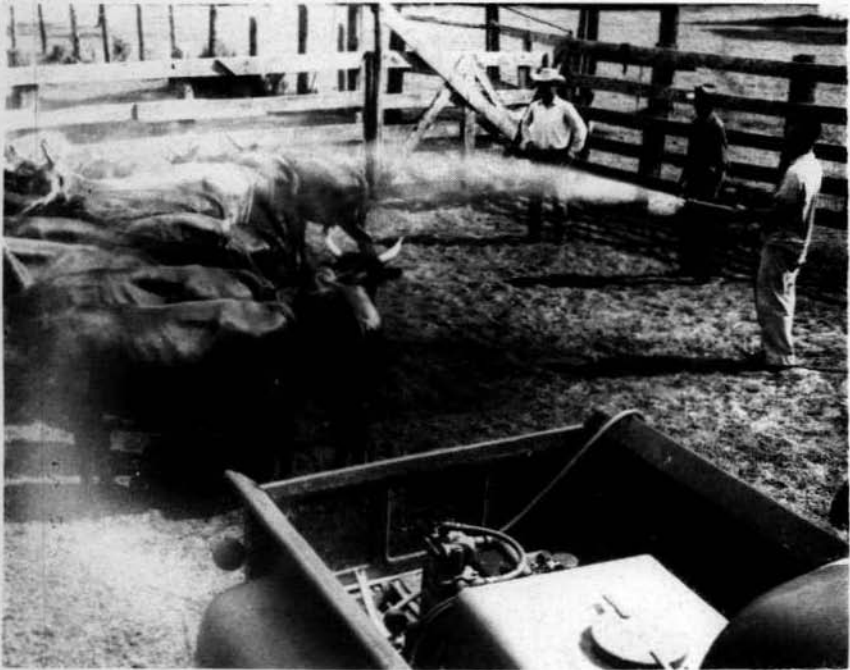
These thinly-foliaged citrus trees are typical of spreading decline disease.

Animal Industry

In the reorganization of the Department of Agriculture, the Florida Livestock Board was abolished and its duties transferred to the Department. The Division of Animal Industry, which was authorized by the reorganization act, assumed the functions of the Board and is responsible for the prevention, control and eradication of transmissible diseases of domestic animals and poultry, including the eradication of cattle fever ticks and screwworms, and state meat inspection.

Brucellosis and Tuberculosis Section

The brucellosis program in Florida is conducted jointly by the Division and the Animal Disease Eradication Division of the U. S. Department of Agriculture. 404,486 cattle were blood-tested during the 18 months covered by this report and 1,466 dairy herds, comprising 392,377 cattle were screened for brucellosis infection by application of the milk ring test. 150,643 calves were officially vaccinated with vaccine furnished by the Division.



Spraying as preventive measure against spread of screwworms.

Thirty counties had attained the status of modified certified brucellosis areas by January 1, 1961. No additional counties were certified during the period of this report. Eleven counties were recertified for a 3-year period. A brucellosis program for beef cattle in range and semi-range areas was inaugurated in the spring of 1961. It will be evaluated at the end of calendar year 1964 and those counties meeting pre-determined requirements will undertake an area certification program with other counties added as they meet the requirements.

There has been no significant increase in the number of calves vaccinated since the brucellosis program for range areas was adopted.

All counties in Florida are designated as modified accredited tuberculosis-free areas. The activities of the Division with respect



Meat inspector checks quarter of beef.



Dairyman uses stripcup checking for healthful milk.

to this disease consist of cooperating with the USDA-ADED in reaccrediting the several counties and supervising retesting procedures in infected herds. Reactor animals are disposed of for slaughter only.

Tick Eradication Section

The Division, in cooperation with the federal government, brought to a successful conclusion two tick eradication programs inaugurated in 1960, one covering a reinfestation of the Texas cattle fever tick, and the other involving the African Red Tick, which was the first program of its kind ever conducted in the United States.

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Dairy Division

The Dairy Division moved from Gainesville in early 1961 to Tallahassee. It is presently located on the fifth floor of the Mayo Building. Field personnel consisting of eight dairy district supervisors and four chemists cover the regulatory work of the Dairy Division. There are now two dairy mobile laboratories and an additional program this year was the examination of milk and milk products for the presence of pesticides.

During the biennium the total number of samples of all milk products and frozen dessert products were 4,120. Of the samples, 24,869 different types of analyses were run. At the same time dairy supervisors made a total of 24,419 inspections of dairy producers' plants, and all other dairy frozen desserts establishments within the State of Florida.

Permits issued the past two years included 408 milk dealers licenses, 312 testers' permits, 260 managers permits, 142 milk tank operator permits, and 2,163 frozen dessert licenses. Out of state inspections of milk plants totaled 133 and 115 out-of-state milk dealer permits were issued to ship their products in the state of Florida.

Plans to coordinate industry recommendations for up-dating and modernizing Florida laws pertaining to the dairy business were made by the dairy industry technical advisory committee. It is hopeful that these changes can be made during the 1963 Legislature.



Inspecting milking equipment in out-of-state dairy plant.

Division of Inspection

Inspection work in the Department of Agriculture is nothing new. Perhaps it is not generally known, but most of the inspection laws were enacted at the request of both consumers and the leaders in particular industries, their feeling being that consumers needed additional protection and that the industries affected needed relief from unfair competition.

Activities in the field of inspection have increased proportionately with the growth of our State. The detailed report covering present activities can be found on pages 58-64.

Consolidation of some of the Department of Agriculture's inspection activities during the Biennium were made in a move toward greater economy and increased efficiency. Eliminated were some overlapping activities in food and meat inspection by members of this Division and meat inspectors of the Division of Animal Industry.

Plans are being made to increase activities in the field of seed
(continued on page 32)

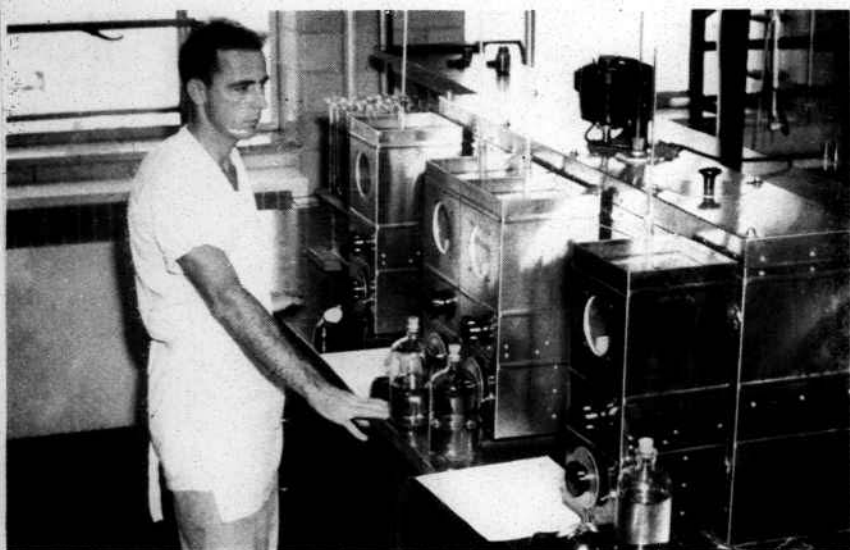


Candling eggs to make sure they meet quality standards

Division of Standards

Under the reorganization the work of the state oil laboratory in the Weights and Measures Division was placed under the new division called the Division of Standards. Protection of the consumers of petroleum products was from both a quality and quantity standard of gasoline and kerosene. Approximately 6,000 samples are tested every month by the Gasoline and Oil Section. In the past year of the last biennium approximately 1.12 of the samples tested were found below standard and the products represented were stopped from sale.

This division also enforces the Florida Brake Fluid Law. The minimum specification for such fluids has been adopted, and it is illegal to offer for sale in Florida brake fluid which will not meet the standard. During the biennium, the Weights and Measures Section tested 117,398 weighing scales, and the last six months of the biennium the Department started testing prescriptions scales and weights. Additional analysis of scale tests shows 1,366 livestock scales tested, with 298 not in compliance with the law. These tests during the biennium were conducted in 54 counties of the state. Another analysis showed 1,326 vehicle scales tested during the biennium with 327 not in compliance with the law.



A chemist determines gasoline quality with these machines.

Fruit and Vegetable Inspection

This Division serves the fruit and vegetable industries of Florida in the application of the Florida Citrus Code under regulation of the Florida Citrus Commission. Both require every citrus fruit dealer to be bonded and licensed, chiefly, for the protection of the producer.

Inspection requirements make it necessary that certificates be issued on every shipment of fresh citrus, every load of fruit delivered to processing plants be evaluated, and through contractual arrangements with the U. S. Department of Agriculture the can and concentrated pack be certified. Vegetable inspection is chiefly on a voluntary basis, yet 41,850 car lots of vegetables were certified during the past season.

The crop disposition is statistically broken down on pages 78-79. These tables give one a ready picture of the tremendous job this division must perform on a seasonal basis. Added pages which may be interesting to review are a summary report of the Bond and License Section on pages 82-83 and a paragraph on the technical section on work determining pounds of solids per box on page 31.

The Department has cooperative agreements with the U. S. Department of Agriculture in the performance of inspectional
(continued on page 31)



A fresh fruit packing house where inspectors check Florida's quality citrus.

Division of Chemistry

Regulatory laws on foods, fertilizers, pesticides, seeds and feeds basically require the seller to make a guarantee of quality and quantity for the product being sold. The determination of quantity poses some practical problems but for the greater part measuring quantity is just a reasonable amount of hard work. The determination of quality of a product presents ever-increasing difficulties because of more complex mixtures of ingredients and of interest in constituents present only at micro levels.

The Division of Chemistry has five sections to perform the necessary analysis and it recognizes that elaborate equipment and well trained analysts are needed for the work to achieve reasonable success. The analysts must be as capable as those in agricultural industries who have the instruments to make the best possible measurement of quality of regulated products.

More than 47,000 samples of official foods, fertilizers, pesti-



Commissioner Conner inspects honey.



Technicians check seeds for purity.

cides, seeds and feeds were analyzed during the biennium. More than 268,000 determinations were made on these samples. Most of the samples were handled on an assembly line basis, but some of the vegetables were checked for pesticide residues before the products were shipped from the packing houses. In some cases the analyses were made before the vegetables had been harvested. This requires rather expensive mobile laboratory operations for which there has not been a specific source of revenue.

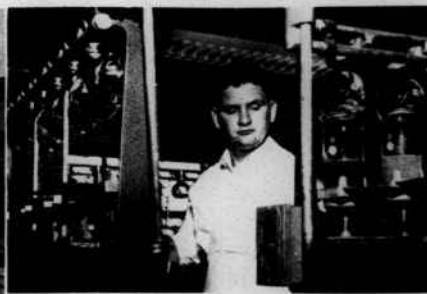
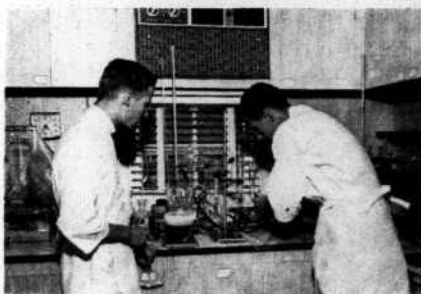
The need for superior and more comprehensive analysis suggest that this phase of regulatory work is destined to become more costly.

Food Laboratory

The primary purpose of the Florida Food, Drug and Cosmetic Law is to protect the consumer, to protect the consumer's

health and the consumer's pocketbook. The food sections of this Law are enforced by the State Department of Agriculture and the drug and cosmetic sections by the State Board of Health. It is the duty of the Food Laboratory to make examination of foods to determine whether they comply with that law—whether they contain ingredients which may be harmful to health, whether they are manufactured from clean wholesome raw materials in sanitary establishments, and whether their labels are true, informative and not misleading.

One of the largest food industries in Florida is fresh vegetables. These vegetables cannot be grown in this state without the extensive use of insecticides. In order to assure that these vegetables do not contain residues of those insecticides, when they are sold in this state or when they are shipped out of the state, the Food Laboratory has two Mobile Laboratories. These laboratories are located in the field, convenient to the primary growing areas, so that samples of vegetables may be obtained



Testing for pesticide residue on vegetables

Chemist checks fiber determination

from the fields before harvest, from cooling areas, loading platforms, and refrigerated trucks and freight cars, and can be examined for insecticide residues before they are offered for sale in this State and before they are shipped to other States.

Another food industry of considerable magnitude in Florida is the production and processing of meat and meat products. Hundreds of samples of meats are submitted to the Food Laboratories for examination to determine whether they are suitable for human consumption and whether they are properly labeled.

In addition to samples of products from the fresh vegetable and meat industries, the Food Laboratory examines all other types of foods produced and sold in Florida and foods produced elsewhere and distributed in this State. These examinations show

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Division of Marketing

The marketing activities of the Florida Department of Agriculture are carried on by various sections which are organized into the Division of Marketing.

Administration

The administrative section, in addition to coordinating the functions of the several sections in the Division, is charged with performing economic services for agricultural marketing groups in the state. These activities have been primarily in the area of working with various commodity groups in formulating and implementing marketing programs. These programs have been chiefly along commodity lines.

A major function of this section has been the administration of the Celery Marketing Order. Under this order the celery industry regulated supplies of celery marketed and carried on an advertising and promotion program. The industry seemed well pleased with the results of this program for the 1961-62 season.

At the request of the celery industry, a celery price analysis is underway. The purpose of this project is to measure the effect that certain factors have on the price of celery. The results could be used by the celery industry in determining their pricing pol-



Display ideas and point-of-purchase material were furnished food stores.



Conner looks over Florida tomatoes with New York produce buyers.

icies. This project is being carried on jointly by the celery industry, the Florida Agricultural Experiment Station and the Division of Marketing.

This section also Administered the Sweet Corn Marketing Order by which the industry carried on an advertising and promotion program.

Personnel of this Division participated in meetings of farm groups whose objectives were to improve their marketing methods. Three major areas of concern seemed to arise regularly. These were (1) lack of knowledge of market conditions (2) farmers have little or no bargaining power when selling and (3) poor quality produce going to market. In addition to these, many farmers are very much interested in advertising and promoting their products on a group basis. To meet these conditions several groups of farmers are actively planning cooperative marketing associations. Also, there is widespread interest in marketing order enabling legislation.

Personnel of the administrative section have been working with farmers in the area of organization of cooperative marketing associations. They have also been explaining the role of marketing orders, enabling legislation and the operations and functions of marketing orders to interested groups of farmers.

Miscellaneous Marketing Activities—Participated in adult

Conner takes the message of Florida vegetables directly to a housewife.



Conner meets with chain store buyers.



marketing education program in conjunction with the Agricultural Extension Service.

Worked with various farm groups in obtaining better market outlets for their produce.

Worked with State Farmers' Markets in special problem areas.

Market Expansion—Promotion Section

This section of the Division of Marketing began operating in December, 1961 as a part of Commissioner Conner's aggressive marketing program. It is charged with the over-all responsibility of assisting Florida farmers in promoting their products in and outside the state. Presently the section consists of four Merchandising Specialists who conduct and coordinate promotions at various levels—from production to retail stores. Simply stated, the goal is to assist farm commodity groups in developing effective promotion programs comparable to those of Florida's outstanding Citrus Commission.

Since merchandising is the most tangible phase of the broad field of promotion, personnel have concentrated on this segment during the first months of operation. When merchandising techniques are well organized, the plan is to round out the over-all promotion program through advertising, publicity, and various other means of increasing sales.

The success of celery marketing agreement was not only vital to the celery industry but also extremely important to growers of other commodities, who could use this order as a guideline in seeking economic salvation through a similar approach. Therefore, personnel concentrated heavily on celery promotion contributing all they could to make the celery marketing order successful. During the season 248,875 pieces of colorful celery point-of-sale materials were developed and distributed.

These point-of-purchase selling aids were utilized primarily by supermarkets in specifically planned promotions, arranged through personal contacts at division levels by our Merchandising Specialists. Celery promotions were conducted in 19,443 supermarkets, in 33 states and 3 foreign countries. A national promotion program featured Florida celery stuffed with Kraft cheeses. This tie-in gave Florida celery national advertising, paid for by Kraft, and put hundreds of Kraft field merchandisers to work pushing Florida celery at the retail level.

Potato promotions were set up in 6,202 supermarkets in 20 states and in Canada, using 24,100 pieces of point-of-sale mate-

rials. Hastings growers requested that the section concentrate efforts in Florida and the southeast. Merchandising men arranged special Florida potato promotions of various types in most states east of the Mississippi.

Surveys made by other promotion organizations show that 91% of retailers prefer point-of-sale materials above all other types of merchandising assistance offered. It has been proven many times that when the trade picks their materials (as they did in our programs) there is less waste, and a splendid percentage of usage is obtained.

During a test celery promotion in Greenville, South Carolina, store managers reported an average increase in sales of 66% as compared to the week before the campaign. This increase was accomplished by using celery point-of-sale displays only as no advertising or special prices were used.

The Section took an active part in the Florida Fruit and Vegetable Jamboree in which Commissioner Conner visited the New York Market and personally promoted the use of more Florida products. Promotions featuring Florida farm products were set up in 2,064 supermarkets to tie-in with the fine publicity surrounding the Commissioner's visit. A trade dinner honoring the major New York buyers of Florida farm products was one of the highlights of this campaign. At this meeting many valuable recommendations were made in response to the question, "what can we do to improve the marketing of Florida crops through your organization?"

During the traditional summer slump in egg sales the Section assisted the Egg Commission by calling on major buyers of Florida eggs in an effort to stimulate sales. A more concentrated and expanded merchandising campaign is being planned for 1963 to combat this slump, which usually starts after Easter.

Today's mass buying structure has lengthened the gap from "Crop Row to Consumer Table." Farmers do not have the personal contact or direct communication with buyers as in the past. By staying close to the market and working at all levels of purchasing, our specialists can provide a needed service to farmers in keeping them informed as to the requirements of the market.

Farmers' Markets Section

The Florida State Farmers' Markets consist of 14 Fruit & Vegetable Markets, 1 Crop Market, 4 Livestock Auction Markets, 9 Livestock & Crops Pavilions. This section also administers Department of Agriculture Premium Moneys for Fairs, Shows and Expositions.

During the year 1960-61, the 14 Fruit & Vegetable Markets handled 15,561,568 Units with Gross Sales of \$45,540,463.97. The volume handled during the year 1961-62 was 18,471,163 Units with Gross Sales of \$53,037,996.73. For the biennium 1960-62, 34,032,731 Units were handled with Gross Sales of \$98,578,460.70.

The 4 Livestock Auction Markets handled for the year 1960-61, 169,957 Units of livestock with Gross Sales of \$2,917,805.72; however, for the year 1961-62 these 4 Livestock Markets handled 175,809 Units of livestock with Gross Sales of \$3,220,942.32; or a total for the biennium of 345,766 Units with Gross Sales of \$6,138,748.04.

A progress report for the biennium shows that there was a big increase in items handled during the year 1961-62 over 1960-61.

The 14 Fruit & Vegetable Markets showed an increase of 18.7% in Units handled and 16.46% increase in Gross Sales.

The 4 Livestock Markets showed an increase in Units handled of 3.44% and increase in Gross Sales of 10.39%. The total Units handled by both Fruit & Vegetable and Livestock Markets showed an increase of 18.53% in Units and of 16.1% in Gross Sales.

There was a tremendous increase in the estimated value of products weighed over State Scales of 76.57%.

The Livestock & Crops Pavilions showed an increase of 32.2% of Units shown, with 3.9% increase in Value; 7.4% increase in number of meetings held in these facilities; and increase in attendance of 19.55%.

As to Premium Moneys furnished by the State Department of Agriculture for Fairs & Shows and Expositions, the State Department of Agriculture participated during the year 1960-61 in 140 shows. However, during the year 1961-62, they participated in only 133 shows but the results of showing outstanding animals and crops is reflected in the attendance and interest in the Livestock & Crops Pavilion. We have no records of the attendance of all of the shows where the State Department of Agriculture Premium Moneys were used. Totals for Biennium: Shows—273; Money—\$84,091.50.

Crop Reporting Service

During the fiscal year ending June 30, 1962, the Florida Crop Reporting Service developed statistical reports from survey data collected from farmers, businessmen, marketing organizations, mills and elevators, and processors throughout the State. From

these statistical reports, separate releases, or results, of the studies were published and issued, involving about 425,000 copies.

This program of reports is adapted to the needs of producers, those responsible for marketing their crops, and those concerned with the many phases of service which present day agriculture requires. This system of reports follows a weekly, monthly, and yearly pattern. Weekly reports include a crop-weather bulletin, special releases giving weekly plantings and other pertinent data on celery, sweet corn, and tomatoes, and a report showing weekly placements of chicks for broilers. Each month the Crop Reporting Service releases Florida and U.S. data on acreage, yields, and production of all the principal crops in the State. Other monthly reports cover milk cow numbers and milk production; inventory numbers on livestock and poultry; hatchery and egg production; with two special releases giving comprehensive information on cattle and poultry.

In order to keep pace with the developments in agriculture, statisticians cover the producing areas of the State regularly contacting growers, handlers, making personal observations, and conducting special objective surveys. Travel during the past year for the purpose of producing the most accurate and serviceable information possible, totaled 400,000 miles.

As an adjunct to the regular established function of collecting data and preparation of forecasts, estimates, and statistical reports, special research projects are in progress. Some of these projects are financed by matching funds from the Department with federal funds while others are from grants or funds from industry groups.

Demands are increasing for more statistics, in greater detail and timeliness, and with greater precision, as agriculture becomes more commercialized and needs of producers, suppliers, processors, and distributors become more urgent. An outstanding example of this growing interest in accurate crop forecasting and moving inventory statistics is shown by the recent establishment of the citrus industry of a continuing fund to assist in financing these activities. Vegetable growers are also becoming more aware of the needs for accurate market flow information to aid them in the timing of their planting and marketing operations.

Market Bureau Section

In the reorganization, the Market Bureau was made a section of the Marketing Division of the Department of Agriculture. This move expanded the Marketing Services to the people of Florida.

The responsibility of the Marketing Bureau Section is to collect factual and current market news information and disseminate such to all segments of the industry; issue bulletins and information on how to harvest, grade, package, and distribute agriculture products in the marketing channel; publish the Market Bulletin, listing for sale, exchange and wanted items for farmers; give all assistance possible to marketing and distribution of Florida products for her citizens.

This agency has met that responsibility in the past two years by reporting daily prices of agricultural commodities on sale in local and interstate markets. The daily volume of movement of commodities by state at origin, as well as receipts, unloads, and track holdings at important terminal markets; together with related supply, demand, market conditions, and other pertinent market information has been supplied. Daily and other periodical market reports have been distributed free of cost by mail upon request. The press, by way of newspapers, radio and television has aided greatly in disseminating market news throughout the state.

Each year this agency publishes an Annual Agricultural Statistical Summary covering the most used information concerning the state's agricultural industry. This summary is used by business firms, professional workers and growers. There are many intermediary businesses embraced by growers. These firms supply credit, equipment, transportation, containers, etc., and have become a clearly defined portion of the farming business, and are as much interested in our data on agricultural trends as are the growers.

The Market Bulletin, a newspaper style publication mailed free of charge, is issued two times each month. Circulation reached 43,000 during the biennium. In addition to printing news of coming events of interest to state farmers, new developments in agriculture and articles by state agriculture leaders, the Market Bulletin also publishes a sale and exchange column in which state farmers may list, free of charge, items of an agriculture nature. Over 20,000 listings were made during the biennium with the result of many thousands of dollars worth of farm products sold.

Fruits and Vegetables

The fruit and vegetable program carried out by the Bureau is extensive. In the field of Market News there is a network consisting of six Federal-State seasonal field stations which serve the eighteen Florida vegetable producing areas. Citrus and wa-

termelons were covered on a statewide basis from two of these field stations. The Bureau's Fruit and Vegetable Specialist in Jacksonville cooperates with the U.S.D.A.—A.M.S. Fruit and Vegetable Market News Service in Washington concerning the activities of the Federal-State operated offices. State Specialists collect wholesale fruit and vegetable price information in Jacksonville, Tampa and Miami.

As Florida is a primary winter fresh citrus and vegetable producing state, it is essential that the State's produce farmers have current trading information. Prices, supply data, and current market conditions, which are compiled in the major city wholesale markets and commercial U. S. producing areas, are sent to Florida on the U.S.D.A. agricultural leased teletype wire. Once the information is received at the various stations, it is disseminated to the trade daily by mimeograph reports, phone messages, radio, and press releases. Similar details about the markets are collected in Florida and disseminated nationally.

The Florida Truck Passings Report on vegetables and miscellaneous fruits is compiled daily in Jacksonville. This series of information can be considered to be one of the key national trading supply factors because of Florida's importance as a winter producer of vegetables, strawberries and watermelons. The staff of the Florida Road Guard Stations has been most helpful in collecting the data directly from truckers' manifests as their loads pass each of the eleven stations along the St. Marys and Suwannee Rivers. Data from a number of the stations is phoned to the Jacksonville office daily.

Improvements are vital in the rapidly changing marketing field. During the past biennium, specialists covering Florida Fruit and Vegetable Market News established a watermelon press report, developed a method for the collection of watermelon truck receipts in the state's northwestern area, expanded the Vegetable Market News coverage of Alachua, Union and Clay Counties, suggested a method to improve the dissemination of the 41-Cities Unloads information, began quotations on the packing house movement in Pompano and nearby points as well as in the Plant City area. An FOB report on lower east coast strawberries was initiated to cover the increased acreage of this crop in the new producing counties of Dade and Palm Beach. Cooperation between the Florida and California shippers and growers instigated a pilot project relating to a weekly celery supply forecast.

Press coverage of Market information: The press associations have been limited as to the leased wire space that they can devote

to agricultural market information because of the heavy demands on them for other state and national news. Also, many of these market reports are limited to certain areas by the specific commodities covered rather than having a broad statewide interest, which the press associations want for use on their wires. Agricultural production and marketing in Florida is unique due to the number of commodities produced and the different seasons in which they are produced over the various sections of the state. Much concern has been expressed by all the Bureau's specialists as to the need of *fast* communications facilities to all the farm areas. Although there have been numerous interviews with television, radio, and newspaper farm editors, this biennium, much still needs to be accomplished.

There has been a great amount of public relations work, personal contacting, as well as phone and mail requests to handle. A few talks also were given. Information was contributed to the Annual Acreage-Production-Marketing Guides and Vegetable Processing Reports, and for special studies by various agricultural extension workers.

Livestock

Although specifically set up to collect and publish regularly livestock market news information, this section has extended itself considerably in attempting to serve the livestock industry wherever possible in other related phases of livestock marketing. The following outlines activities of this section the past two years. *Livestock Market News (Federal-State)*. Sixteen representative Florida livestock auctions located throughout the state have been reported each week, fifteen by the state, one by the cooperating Federal office in Thomasville, Georgia. Auction market information consisting of volume, price and price trends has been relayed immediately to producers via *The Press and Bulletin*.

Livestock Grading. Since Federal standards, grades and reporting procedures are used in Florida's livestock marketing reporting service, correlation grading (comparing individual live cattle grades with U.S.D.A. carcass grades on the same identified animal) is necessary to maintain proficiency in grading, and to insure reliable market reports based on prices by grades. Correlation tests have been run at every opportunity, mostly with the cooperation of the University of Florida's Agricultural Experiment Stations in Belle Glade and Gainesville.

Other Marketing Activities—Conferences—Public Relations. Bureau livestock specialists have attended numerous committee

meetings, producer, state, area and county association meetings, and various conferences in co-working with other agencies, primarily producer groups or representatives. Specialists have worked closely with the Marketing and the Feeder Committees of the Florida Cattlemen's Association, Breeder Associations, Auction Market Managers' Association, Florida Outlook Committee, and with University Experiment Station and Extension Service personnel, as examples.

Very close cooperation with the U.S.D.A. Crop Estimates Office in Orlando and the U.S.D.A. Livestock Market News Branch has greatly expanded and improved livestock information in accuracy and usefulness to the industry.

Marketing Information. As available time and personnel permits, much of the marketing information collected in market reporting is tabulated and arranged for reference and for use in periodic reports on marketing volume, consist, disposition and price trends. Limited time and personnel necessitated investigating use of data processing for cattle auction price and weight tabulations. Limited date processing was incorporated into cooperative Federal-State work, paving the way for unlimited possibilities in market news and information releases.

Probably the most outstanding contribution by the Bureau's livestock personnel and records in the 1960-62 period was in connection with the "Florida Livestock Round-Up," a Federal-State Matching Funds Project started in October 1961. This report is prepared each month by the U.S.D.A. Crop Estimates Office and the Marketing Bureau, and has received strong support from cattle producers.

It is impossible to measure the value of routine livestock market news and information services, and notifying producers of available reports, materials and related livestock information. The Bureau has been able to answer many requests and provide factual information unanswerable if these services did not exist. We are able to furnish almost immediately local market information which we sincerely believe is currently impossible in any other state.

Honey

In an effort to help Florida's honey producers with their marketing problems, the Marketing Bureau Specialist covering honey has published monthly honey price reports. Florida bee men, County Agricultural Agents, and wholesale bakeries are on the mailing list for these monthly reports.

Watermelons

The year 1960-61 watermelon plantings kept 66,000 of the Florida's acres busy producing a crop of melons worth \$11,962,000 to our Florida growers. Every facet of the industry is contacted with Bureau effort in marketing watermelons.

Federal-State Market News published daily by the Bureau carries watermelon price quotations throughout the harvesting season from Immokalee through North Florida.

For the past biennium the Bureau's Field Crop Marketing Specialist has created and mailed to growers, handlers, truckers, food chain store produce buyers, and others connected with the trade more than 5,000 pieces of printed information designed to promote melon marketing.

In addition to the above information being placed into the hands of producers, buyers, County Agents, the Bureau Marketing Specialist created and had published several thousand watermelon brochures and labels for conducting sales research with food chain stores. The survey conducted in food chains showed that watermelon sales were increased by 42% when brochures were offered to the trade, and that 30% more labeled melons sold than melons that were unlabeled.

Tobacco

A Bureau Marketing Specialist has served as Chairman and member of the Florida Tobacco Advisory Board, meeting with this Board annually to fix the tobacco market opening date to be recommended to the Commissioner of Agriculture. In connection with this work the Specialist through the Bureau's printing facilities has each year had approximately 8,000 ballots printed and distributed to Florida's tobacco growers through the County Agents in the tobacco producing counties. The ballots were designed to give each and every grower the privilege of voting on his choice of a market opening date. A compilation of this producer voting has been the basis of the committee's selection of a market opening date.

Poultry and Eggs

Florida egg production and allied industries continued to expand at a phenomenal rate during the 1960-62 biennium. The resulting challenge for adequate information, guidance and assistance to all segments of the industry was met by the Florida State Marketing Bureau through increased services, of wider scope, in the field of Marketing, Market News and Communications, all inter-related.

In the Field of Market News:—

Poultry and Egg Markets are reported daily in seven areas thus providing current price and trading information for every section of the State. All market reports are carried by the press and some are reported by radio and TV.

The Semi-Weekly Report was improved in several respects. A new provocative type of format was designed in the interest of appearance and acceptance. Material lay-out was rearranged for better readability. Perhaps most important—This release is now mailed as first class matter and is received while still current information. Heretofore, a delay of as much as twelve days was noted when these reports were sent out as third class mail. Many compliments have been received relative to these improvements.

Candled "Fax," a new report designed to assist egg producers in projecting and planning was initiated by the Commissioner of Agriculture, a firm advocate of improved marketing through increased market information. This report is published monthly by the Florida Crop and Livestock Reporting Service. The Marketing Bureau Specialist and the USDA Market News Representative cooperate in a consulting capacity and also furnish much of the information used.

License and Bond Section

During this biennium there were four field men assigned to specific areas in the state who made 1,684 contacts with potential and prospective licensees or unlicensed dealers, and, additionally, the field personnel made 4,347 other contacts in an effort not only to obtain information as to the activities of unlicensed dealers, but also to explain the requirements and provisions of the Bond and License Statute to dealers and producers. There were 3,506 contacts made to obtain license fees and applications for licenses together with supporting surety bonds.

During the two years we issued 3,341 licenses to bonded dealers in agricultural products for a total license revenue of \$33,410.00. Of the total licenses issued, 539 were delinquent in renewal and, consequently, the dealers concerned paid a \$10 delinquent penalty for each license, thereby resulting in additional revenue amounting to \$5,390. Total revenue to the department from the issue of licenses to bonded dealers amounted to \$41,790.00.

There were 446 cash buyers' licenses issued at \$10 each. Additionally, 47 of these licenses were delinquent renewals re-

quiring the payment of the statutory \$10 penalty, thereby resulting in a total revenue from the issue of cash buyers licenses amounting to \$5,150.

There were 34 livestock dealers' licenses issued at a total revenue of \$340.

The total revenue from all licenses issued by the Bond and License Section amounted to \$47,280.00 during the biennium.

The average amount of bond supporting a bonded dealer's license for the fiscal year, July 1, 1960 through June 30, 1961, was \$4,836.58 for each dealer. The average amount of bond supporting a bonded dealer's license for the fiscal year July 1, 1961 through June 30, 1962, was \$8,372.11.

The number of licenses issued to bonded dealers and the amounts of bonds furnished for each of the past two years are shown in the following tabulation:

License Yr. ended June 30	No Licenses Issued	License Fees Collected	Average Amount Bonds Each Dealer	Amount of Bonds Supporting Licenses
1961	1,815	\$21,240.00	\$4,836.58	\$ 6,732,519.00
1962	1,815	23,410.00	8,372.11	10,967,470.00

In the past two years 1,026 personal contacts were made in connection with the investigation and administration of formal complaints. These claims totaled \$462,521.04. Through activities of this section, the department assisted in recovering \$252,065.71. Of this total amount, \$136,394.90 was paid by the various surety companies, and \$115,670.81 by the dealers involved.

Division of Chemistry

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whether such foods are fit for human use and whether they are properly labeled.

The enforcement of the Florida Food, Drug and Cosmetic Law, with limited personnel, would not be possible without the cooperation of industry. The producers of foods in Florida, in general, are the most conscientious in this country. It is the most earnest desire to produce the finest foods possible. They appreciate the fact that their success is based on satisfied customers. When the Food Laboratory finds violations of the Florida Food, Drug and Cosmetic Law, industry, in most cases, is most anxious to make corrections immediately.

Fertilizer Laboratory

During the biennium, July 1, 1960 to June 30, 1962, the Fertilizer Section of the Chemical Division analyzed 14,213 Official Fertilizer Samples; 370 Miscellaneous Research samples; 467 Pesticide Samples checked for mineral content; 2,514 check samples. Of the 14,213 Official Fertilizer samples, 12,408 were found legal and 1,805 were found deficient. There were 229 stop-sale notices issued. The 14,213 Official Samples represent approximately 143,000 individual analyses made by this Section.

A continuing program of analytical methods research was in progress during this biennium. Collaborative studies on nitrogen determinations was carried on. A total of 166 nitrogen research samples were analyzed and 60 research samples for manganese determination were tested. The chemical results from the nitrogen research will be tabulated and the data will be submitted for statistical analysis.

16,012 requests for registration of fertilizer formulations were examined by this section.

A concentrated program of microscopic examination of fertilizer samples was carried on.

Feed Laboratory

The 1961 Legislature amended the Florida Commercial Feed Law effective January 1, 1962. Through the amended law and new regulations a somewhat different philosophy of feed control was established in Florida. The Department now permits a mixed feed to contain any feed ingredient which is not harmful provided the label states the common name of each ingredient. Minimum standards for dry mixed feeds have been eliminated. This honest label law approach is based on the belief that Florida poultrymen and livestock raisers are now capable of selecting a feed suitable for the intended use if such feed is correctly labeled.

During the biennium the practice of reporting administrative violations on the State Chemist Feed Analysis reports was discontinued. The reports currently cover only violations of label claims.

State Chemist Feed Analysis Reports were filed for 9431 official samples sent in by the field inspectors. Each sample was subjected to a microscopic examination. Individual chemical determinations exceeded 56,000 for the two year period.

Seed Laboratory

Good Seed is the first essential in feeding a growing nation. During this biennium the Seed Laboratory tested 15,930 samples

of seed for purity, germination or both. Many lots of seed were taken off the market because of poor quality, while others were relabeled to show the quality of the seed being purchased.

Over 1,000 greenhouse tests were made to correlate the laboratory findings. Varietal tests were conducted through cooperation of the Florida Agriculture Experiment Station to determine trueness of variety. Many complaints by farmers were investigated and in some cases adjustments were made to the farmers. Laboratory tests help to assure better seeds for farmers and in turn a better economy.

Pesticide Laboratory

Each year approximately 3,600 samples of insecticides, fungicides, weedkillers, rodenticides and germicides, in the agricultural and household field, are tested by the Pesticide Laboratory to determine if they meet the label claims. Of this number roughly 8 to 10 per cent of these products are found deficient and are removed from the Florida market until corrected.

Use of the infrared spectrophotometer, acquired about two years ago, as a means of qualitatively and quantitatively analyzing pesticide products has been rapidly expanded. At the present time this laboratory is checking about 60% of the yearly sample load by means of this instrument. The infrared spectrophotometer has also enabled this laboratory to increase the work load by about 20% with no additional personnel.

In cooperation with the Inspection Division in their Sodium Hypochlorite Program, the pesticide laboratory has trained several of their inspectors and provided them with kits for testing sodium hypochlorite in the field.

In the past two years this laboratory has collaborated with several national groups in evaluating the accuracy of methods for some of the newer chemicals, a program in which most of the pesticide laboratories in the United States take part.

Mobile Food Laboratories

During this year the Mobile Food Laboratories covered all areas of the state examining vegetables grown in Florida, and vegetables grown in other states and shipped into Florida, for pesticide residues.

The two mobile units assigned to the Division of Chemistry analyzed 2,008 samples; 179 of which were found to contain excessive amounts of pesticide residues above the established tolerance. 29 imported vegetables were analyzed with no violations.

In addition to samples checked for pesticide residues there

were 186 routine food samples analyzed for adulteration and misbranding. Of the 186 samples analyzed; 60 were found to be violative. These samples covered such products as beverages, corn and corn products, flour, meat, miscellaneous food products, rye meal, seeds—condimental, spices and canned tomatoes.

Fruit and Vegetable Inspection

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work which renders a dual effect of the service. This is prima facie evidence in all states of quality products through certification.

The great majority of the field force of inspectors are seasonal employees and follow an itinerary of inspection in other states during the off season for Florida.

The citrus technical section includes routine analysis, testing of fruit, treatment solids, the arsenical spray enforcement program, the monitoring of pesticide residues and food additives on citrus and in citrus products.

Additional duties include setting up and carrying out the maturity testing, condition and load evaluation programs to all citrus processing plants for the determination of pounds solids. Commercial juice extractors, modified to suit the inspection needs, were employed in the testing procedure. 43 plants used this extra service during the past season, and 43 plants the previous season, with approximately 99 per cent of all oranges being inspected on this basis. Work is being done continuously each season toward improvements in testing procedures and equipment. Extracting and finishing equipment is being standardized. Small scales are being replaced by printing type platform scales and an electronic brixometer is now being perfected for greater efficiency in determining amounts of solids in the sample.

Close liaison was maintained with the Agricultural Marketing Service, U. S. Department of Agriculture, who by contract with the Florida Department of Agriculture performed the grade inspection and certification of the finished pack and other controls necessary under the code. Any irregularities were promptly followed up by the section and necessary corrective measures taken to insure compliance with the code.

The direct result of the investigation made by personnel of the Department of Agriculture, resulted in the arrest of two Federal-State inspectors and two fruit suppliers and charges of fraud of supplying of oranges to a concentrate plant.

Early in 1961, an appeal was made to the Secretary of State Dean Rusk urging that importation of all fruits and vegetables from Cuba be banned. At that time, several million pounds of Cuban fruits and vegetables had been shipped in through Florida ports in Miami, West Palm Beach and Port Everglades. Commissioner Conner reemphasized the fact that reliable point of origin inspection was impossible in Cuba because of the political situation there. These fruits and vegetables posed a dangerous threat of pest and disease invasion which could cost the taxpayer millions of dollars to eradicate. This is in addition to the already unjustifiable economic competition from this communist dominated country with which we no longer have diplomatic relations.

Division of Inspection

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and certified seed inspection. Tree seed will be brought under these two inspection programs with particular emphasis placed on pine tree seed. Participation in this new endeavor was requested by the State Forest Service, Agricultural Experiment Stations, and forest industry, so that great emphasis could be laid on the quality of pulp wood used in the paper industry.

Highlights of the activities of this Division during the past two years reveal an expanded program of inspection of packaged meats and meat products. One south Florida meat packing company had its products stop-saled because of improper labeling and adulteration. Later on the packaged meat products were cleared for sale with proper labeling. The processed meat had been banned because the ingredients did not conform with the statement on the original label.

A warning was issued to meat processors that pumping of fat into steaks to make them appear better than they were would not be tolerated by the Department. Food inspectors found evidence that some pumping was being practiced in South Florida, and all meat processors were put on notice that it was unlawful to add any substance to food that makes it appear better or of greater value than it is.

Several south Florida food store managers were arrested on charges for inflating prices on packaged meats. The managers were charged with defrauding consumers by charging up to 25% more for the packaged meats than the poundage and price per pound on the label should have totaled.

Poultry and Egg Section

Over 427½ million pounds of poultry, six million cases and one-half million cans of frozen eggs were sold in Florida under the inspection program supervised by the Poultry and Egg Section during this two year period.

20,961 official inspections were made. This does not include calls on producers which were made to give special help and assistance with their problems.

Stop Sale Notices were placed upon 153,460 pounds of poultry and 4,178 cases of eggs because they had not met quality standards. Nearly 28,000 pounds of poultry and 300 dozen eggs were destroyed because they were found to be unfit for human consumption.

The tremendous amount of poultry and eggs sold in the State during this period reveals and denotes the excellent job which is being done by our producers and distributors in marketing high quality poultry and eggs. The quality of these products has greatly improved during the past few years and the consumers can purchase poultry and eggs with confidence and assurance.

This inspection work was performed with the cooperative assistance of the Retail Food Store Inspectors.

Division of Administration

(continued from page 5)

promoting fairs and livestock shows, including publication of the monthly bulletin, "Florida Fair Fax."

Fairs, expositions and livestock shows, in addition to the various news media, are used as "show windows" in promoting Florida's biggest business. Our future fairs will be bigger and better, and we urge you to attend and participate in your County, District or State fairs, expositions and livestock shows.

Central Records

A central record-keeping system to service the entire department has been set up during the biennium and all fiscal and auditing work has been handled under this division. Other general services assigned by the Commissioner have been rendered by the Division of Administration.

Plant Industry

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diseases present and advises control measures for such diseases.

The Section continued to perform its basic assignment in diagnosing diseased species sent to the Laboratory by plant inspectors, agricultural agencies, and private property owners.

Accomplishments during the 1960-62 biennium included the processing of 5,156 samples; the publishing of 16 scientific works by the technical staff in various scientific journals; preparation of Laboratory notes for plant inspectors, nurserymen and others upon request; the reporting of eight new diseases by the Section's plant pathologists; and the continuation or initiation of 24 investigational projects.

Facilities for bacteriological determinations were improved with the addition of equipment, cultural media, and trained personnel.

Working relations were strengthened between the Section and the USDA Plant Quarantine personnel at ports of entry in the State.

Nematology

A record of 5,630 soil samples were processed at the Gainesville Laboratory (Diagnostic) during the biennium. To facilitate the diagnostic function, a new centrifuge technique was adopted to process nematode samples. A new field tool was developed to take nematode samples.

A mobile nematology unit was established at Apopka to assist the nurserymen in Florida's largest wholesale nursery area. A total of 1,884 samples were diagnosed at this unit between March, 1961, and June 30, 1962.

Neither soybean nor golden cyst nematodes was found in 475 samples examined. This survey project is nearly complete.

A large percentage of turfgrass is shipped to Georgia, and must meet that State's requirements. Of the 765 samples examined in the turf Certification Program 89.5 percent passed and 10.5 percent failed Georgia's certification.

Potentially dangerous new nematode pests of Florida turf grass included a new species of root-knot and a new species of cyst nematode. Both have been shown to severely damage Florida turf.

Control tests were conducted using Nurrelle on Caladium, hot water on ferns and Caladium, and hot air on Boxwoods, none of which appeared promising. A sanitation survey was conducted

in Florida nurseries. Emphasis on sanitation as a means of control was stressed in this biennium.

Considerable data was compiled on the unknown earthworm malady problem. Liaison work was maintained with the worm growers which resulted in the formation of a bait growers association to combat the malady.

At the Winter Haven Laboratory a number of chemicals were tested, few of which showed promise for nematode control. Hot water treatments were also conducted on several nursery plants. Nematode control by ultrasonics was attempted but does not hold promise. Studies were also conducted of differences between nematocidal formulations.

Twenty-two plants were added to the burrowing nematode host list.

Burrowing nematodes were subjected to selected drugs. Their parasitic habits were also studied in agar cultures. Migration studies were conducted with burrowing nematode in aerial plant parts.

Pathogenicity and host range studies were conducted with a new species of root-knot nematode on St. Augustine grass. The nematode attacked only grasses and caused severe damage to certain species of grass.

Apiary

The duty of this section is to enforce the honeybee disease law to prevent the introduction and dissemination of contagious honeybee diseases in Florida. These laws are enforced by apiary inspection, quarantine, and elimination of infected colonies.

The Apiary Section is concerned chiefly with the control of American foulbrood. There is need for continuous and conscientious brood inspection in order to keep the *Bacillus* larvae infection at a low level.

During the biennium there were 325,826 colony inspections made in 10,684 apiaries; 2,324 colonies of American foulbrood were found and destroyed in 660 apiaries; permits for 53,383 colonies of out-of-state bees to move into Florida and 169 special moving permits for moving from point to point within the state were issued; and 1,100 moving permits were issued to Florida beekeepers. Florida beekeepers were paid \$19,952.25 in compensation for bees and equipment destroyed because of American foulbrood. The \$125,745.77 total cost of the Apiary Section was approximately 38.6¢ per colony inspection. This was 7.9¢ per colony less than the previous biennium.

The Commissioner of Agriculture during the past fiscal year requested the Apiary Inspectors in Districts One and Two to draw samples of Tupelo honey to be delivered to the Food Laboratory for analysis and certification. Under this program the Inspectors sampled 444 barrels of honey and delivered 117 samples to the Food Laboratory.

Plant Inspection

Active nurseries under inspection increased in number from 5,417 in 1958-60 to 5,495 in 1960-62. Inspections totaled 33,459 for an average of 3.03 inspections per active nursery as compared to the 26,903 inspections and a 2.55 average for 1958-60. Most nursery categories for this period, with the exception of total number of plants under inspection, also showed increases. The total number of plants under inspection decreased from 439,471,618 in 1958-60 to 336,531,342 in 1960-62. This reduction can be traced directly to the steady decline in the production of pine seedlings for reforestation during the past several years.

Other important activities of the Plant Inspection Section during this period are briefly summarized under the following programs:

Fruit Fly Detection Program—On June 8, 1962, the Mediterranean fruit fly, one of the world's most destructive pests of agriculture, was found in a fruit fly trap in Dade County. Nine hundred traps were being tended in Dade County at that time. Within three weeks, 2,800 traps were added and the 3,700 total tended weekly. Plans were formalized to increase the trap densities appreciably throughout the State. On June 19, 1962, the State Cabinet made an emergency appropriation of \$200,000 to halt the new outbreak and to match a like amount appropriated by the Federal Government. On June 26, 1962, the State Cabinet released an additional \$125,000 to continue the fight against the pest. At this writing it is believed that this pest is under control.

Spreading Decline Program—Due to a combination of factors, the approach to the ultimate containment of the burrowing nematode in commercial citrus areas was revised. In July, 1961, the Division initiated the "buffer plan." This plan basically involves the establishment of a fumigated strip of soil well in advance of the burrowing nematodes. As of June 30, 1962, 95 buffers, involving 306,356 lineal feet, had been established to protect 249 negative properties.

Citrus Budwood Registration Program—The Program has long been acclaimed as the world's largest and most comprehensive.

It was conceived as a practical means of improving the state's citrus by helping the Florida nurserymen grow more productive, longer lived, and hardier trees. Eighty-six participants were enlisted during the biennial, bringing the total number of voluntary co-operators to 353. The co-operators have produced 3,600,000 nursery trees free of one or more viruses. The director of the Program, Gerald G. Norman, was selected for a technical advisory post with the United Nations. He visited Turkey and Greece in the Spring of 1962 to gain first hand knowledge of the citrus production and disease problems in the important Mediterranean citrus producing areas.

Grove Inspection and Citrus Survey—The Grove Inspection and Citrus Survey Program was set up on a five-year survey plan in September, 1960, because it was not possible to examine and enumerate all the commercial citrus holdings in one year's time. As of June 30, 1962, the program was approximately 40 percent completed.

Imported Fire Ant and White-Fringed Beetle Program—The Imported Fire Ant and White-Fringed Beetle Eradication Programs



Mounds of fireants mean threats to animals on pasture.

were merged March 25, 1960, into a single program for the treatment of nurseries and environs, and for limited suppression and control measures on incipient fire ant infestations. Only 12,337 acres of farmland were treated during July, August, and September of 1960.

The new fire ant bait called Mirex was available for a series of pilot demonstrations in West Florida counties with State participation to determine the future course in the control of this farm pest. New bait consists of a food material—soybean oil—a toxicant, Mirex, and a granular carrier for the food material and toxicant, corncob grits. Mirex has a delayed toxic action in oil bait and this allows sufficient time for the worker ant to carry the bait to the colony and distribute it among the various forms before any of the ants are killed. Demonstrations will be carried out in the next Biennium.

Grades and Standard Programs—Considerable educational and promotional work was conducted by the Grades and Standards Program during this biennium. A revised Grades and Standards manual containing additional specifications was being readied for the printer at this writing.

Turfgrass Certification Program—Sod totaling 1,283,038 square feet moved under blue tag certification during this biennium as compared to the 820,331 square feet moved during the past biennium. This increase represents the largest volume ever moved under blue tag certification. A fifteen minute color movie, an exhibit, and a turf pamphlet, all promoting turf certification, were completed.

Coconut Disease—The Division initiated a program in early 1961 to help the city of Key West fight a disease which had killed 10,000 of its coconut palms—Lethal yellowing disease. The Plant Industry Technical Committee recommended and the Commissioner initiated action on the purchase of approximately 50,000 dwarf coconuts for replanting purposes. These were imported from Jamaica and distributed at cost to interested groups and agencies. Technical assistance and a provision of a chemical compound were made to the city of Key West and other infected areas. This program has proved very successful.

Other programs administered by this Section during the biennium include: Sweet Potato Weevil Program, Tomato Wilt Survey, and Fruit and Vegetable Certification.

Information and Education

Through the Director's Office, many informational and edu-

cational services are offered to Division personnel and to industry, organizations and the general public.

These services include the publishing of a quarterly *Bulletin* with a controlled circulation of more than 7,500; news releases dealing with the control, containment and eradication programs of the Division; special articles to radio and television stations, newspapers, periodicals and house organs; and the publishing of scientific works authored and illustrated by staff members.

Color movies, color slides, and black and white photographs produced by the staff aid immeasurably in keeping the public informed about the Division's activities. These visual aids also are used as a part of the in-service training of Division personnel.

Exhibits designed to tell the Division of Plant Industry story, its undertakings and accomplishments, are displayed throughout the State at expositions, county and regional fairs, schools, and other public places.

Animal Industry

(continued from page 9)

Contagious and Infectious Diseases Section

The function of this section is the prevention and control of contagious and infectious diseases of livestock other than those specifically designated to another section. Its primary activities are concerned with hog cholera control, livestock market inspection, and interstate shipments of livestock.

Hog cholera was reported in 17 counties during the period covered by this report.

Plans have been made for a program that will eradicate hog cholera in Florida. A lot of planning has gone into this program, and the only hold up is Federal matching funds to initiate the project.

A radical new concept of vaccination for protection against virus diseases was completed in West Florida this biennium with more than 90% effectiveness. The new concept uses a vaccine developed from a single virus in one virus group to provide protection against disease caused by any of the related types in that particular group in swine. It is used to protect hogs against hog cholera.

612,832 cattle and 550,381 swine were handled through the 39 livestock auction markets operating under supervision of the Division. All cattle were inspected for the presence of ticks and screwworms, and those returning to farms were dipped.

Swine were given visual inspection for evidence of any contagious or infectious diseases.

All animals entering Florida for purposes other than immediate slaughter are required to be covered by health certificates showing freedom from contagious and infectious diseases. Health papers were processed on 345,971 animals entering and leaving the State.

Following the conclusion of the systematic tick eradication program, over 1,500,000 animals were inspected on farms and ranches for evidence of tick and screwworm infestation with negative results.

Recording of marks and brands was transferred to the Division from the Dairy Division on January 13, 1961. At that time there were 10,232 marks and brands on file. Since January, 1961, there have been 346 marks and brands added.

Poultry Services Section

The Division, in cooperation with USDA, administers the National Poultry Improvement Plan and National Turkey Improvement Plan in Florida. These plans are designed to control pullorum disease and fowl typhoid in poultry and turkey flocks and hatcheries. All Florida flocks and hatcheries participating in the plans qualified as Pullorum-Typhoid Clean. In the past 18 months the Division issued permits for over 16 million chicks, shipped to Puerto Rico, the Virgin Islands, and 29 foreign countries primarily in Central and South America.

Mastitis Section

The mastitis program is designed to aid dairymen in controlling and preventing mastitis and in maintaining a wholesome supply of milk. Participation in the program is voluntary. 527 Florida dairymen, more than 70 per cent of the total number, have availed themselves of this service.

Diagnostic Laboratories Section

The diagnostic laboratory system consists of one large animal laboratory located at Kissimmee and four branch poultry laboratories located at Cottondale, Callahan, Dade City, and Miami. The number and variety of cases received at all laboratories continue to increase each year.

The laboratory staff has made some definite contributions to veterinary science. New and hitherto unreported diseases have been detected in Florida. In addition, the staff has developed

some diagnostic techniques that will be of benefit to all veterinary diagnostic laboratories.

The establishment of an emergency antidote center for treating cases of animal poisoning was made at the Department of Agriculture's diagnostic laboratory at Kissimmee. Drugs have been accumulated at the laboratory for treatment of a number of types of poisoning and the establishment of such a center will go far toward providing assistance to veterinarians and owners for combatting a large scale outbreak of livestock poisoning.

Screwworm Section

A small reinfestation of screwworms was found in West Florida during the summer of 1961. This reinfestation was speedily snuffed out by immediate inspections and prompt preventive measures.

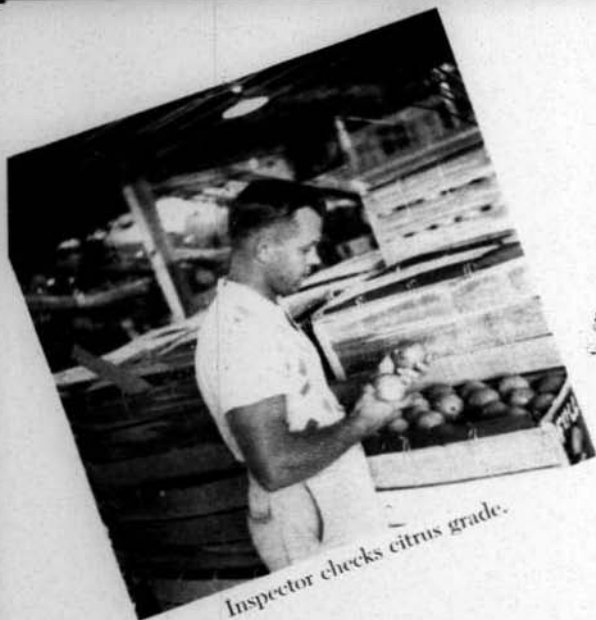
The Division was able to prevent reinfestation from Alabama and Georgia when they had outbreaks. It is hoped that a program started this year to eradicate this costly pest in Texas and the southwest will be successful, for even though screwworms have been completely eradicated in Florida, there will always be a threat of reinfestation as long as they remain in the southwest.

Meat Inspection Section

The meat inspection service assures to Florida consumers a supply of clean, wholesome, unadulterated meat and meat food products from disease-free animals. 55 slaughtering establishments and 139 meat processing plants operated under supervision of the Division during the period of this report. Over one million food animals were slaughtered and inspected.

The enforcement of Florida's humane slaughter law for livestock became effective the first part of this biennium. The new regulation patterned after the one in effect at slaughtering establishments under Federal inspection specifies three methods for rendering livestock insensible to pain. These include chemical, mechanical and electrical. A survey revealed that all slaughtering establishments in Florida now are using such methods.

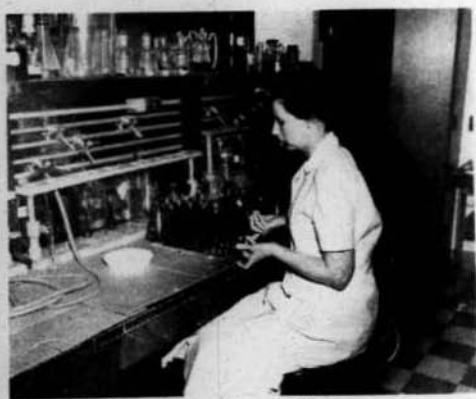
Following reorganization of the Department, meat inspectors now enforce regulations relating to ingredients and proper labeling of products in state-inspected processing establishments.



Inspector checks citrus grade.



Making a TB check in Cattle.



Chemist makes analysis.



Looking over cattle.



Clerks keep necessary records.



Food editors hear about Florida crops.



Youngsters compete in barrow show.



Road guards check trucks.



Department goes electronic.



Sweet corn gets approval from inspector.

Farmers markets move produce fast.

Checking grapefruit quality.



Comparing weights with standards.



**DEPARTMENT OF AGRICULTURE—GENERAL INSPECTION FUND
STATEMENT OF OPERATIONS FOR THE FISCAL YEARS ENDING
JUNE 30, 1961, and JUNE 30, 1962**

	1960-1961	1961-1962
REVENUE:		
Feed Inspection Fees.....	\$ 344,107.47	\$ 276,945.24
Fertilizer Inspection Fees.....	411,991.58	414,285.48
Phosphate Inspection Fees.....	67,284.99	62,893.04
Egg Inspection Fees.....	137,005.90	146,990.63
Seed Inspection Fees.....	43,352.60	64,067.44
Frozen Dessert Licenses.....	10,460.00	9,140.00
Pesticide Registration Fees.....	50,150.00	55,365.00
Poultry Inspection Fees.....	262,723.46	271,894.15
Field Note and Land Division.....	4,661.27	5,046.75
Revenue State Farmers' Markets'.....	373,518.95	391,914.74
Gasoline Inspection fees.....	2,396,459.09	2,468,999.82
Citrus Inspection Fees.....	2,234,375.88	2,854,596.99
Statistical Data Sold.....	4,748.00	4,752.00
Marks and Brands.....	192.00	239.00
Produce Dealers Licenses.....	22,150.00	24,020.00
Citrus Dealers Licenses.....	15,120.00	15,780.00
Miscellaneous Revenue.....	723.80	57,484.37
Items.....	(4,232.49)	6,398.70
Tobacco Warehouse Licenses.....	200.00	200.00
Brake Fluid Fees.....	.....	13,700.00
Label Cost.....	23,584.41	22,646.24
Egg Commission Fees.....	41,990.46	48,312.58
Repayment of Belle Glade Office.....	1,500.00	1,500.00
Repayment of Orlando Office.....	6,000.00	6,000.00
Prior Year Refund—Salaries.....	.....	6,245.55
Prior Year Refund—Expenses.....	.....	8,639.99
Loan Repayment by Citrus Crop Estimate.....	.....	25,000.00
Loan Repayment by Agricultural and Live- stock Fair Fund.....	2,100.00	.....
TOTAL REVENUE.....	\$6,450,167.37	\$7,263,257.71

**DEPARTMENT OF AGRICULTURE—DIVISION OF MARKETING
STATEMENT OF OPERATIONS FOR THE FISCAL YEAR
JULY 1, 1961, to JUNE 30, 1962**

	1961-62
GENERAL REVENUE APPROPRIATIONS:	
Salaries.....	\$ 38,600
Expenses.....	22,500
Operating Capital Outlay.....	3,000
TOTAL—GENERAL REVENUE APPROPRIATIONS.....	\$ 64,100
EXPENDITURES:	
Special for Developing Program for Marketing Agricultural Products.....	\$ 32,006
TOTAL EXPENDITURES—FROM GENERAL REVENUE.....	\$ 32,006

**DEPARTMENT OF AGRICULTURE—GENERAL INSPECTION FUND
STATEMENT OF OPERATIONS FOR THE FISCAL YEARS ENDING
JUNE 30, 1961, and JUNE 30, 1962**

	1960-1961	1961-1962
EXPENDITURES:		
Division of Administration.....	\$ 602,260.04	\$ 707,361.11
Division of Inspection.....	960,494.60	1,115,332.38
Division of Standards.....	691,184.79	784,671.21
Division of Chemistry.....	323,236.53	348,136.60
Division of Dairy Industry.....	118,512.94	127,948.75
Division of Marketing.....	708,614.06	755,786.00
Division of Fruit and Vegetable Inspection	1,532,550.13	1,688,335.00
Division of Plant Industry—Seed Lab....	59,855.09	59,699.81
Fertilizer Penalty Payments.....	109.26	12.15
Fixed Capital Outlay.....	113,836.30	23,229.25
Feed Penalty Payments.....	8,197.73	5,883.57
Refunds of Overpayment of Fees.....	11,531.27	18,372.10
Transfer to Egg Commission.....	41,276.05	48,383.69
Transfer to Egg Sales Promotion.....	15,000.00	15,000.00
Transfer to Livestock and Poultry Esti- mating.....		12,500.00
Transfer to Board of Administration, State Institutions.....	200.00	
Transfer to Citrus Equipment and Product Testing.....		7,000.00
Transfer to Citrus Crop Estimating.....		25,000.00
Service Charge General Revenue.....	189,329.31	152,708.27
U.S. Treasurer—Citrus Fees.....	777,841.54	974,104.09
Capital Outlay—Extension to Markets....	97,059.62	79,854.71
Capital Outlay—Renovation of Mayo Building.....	26,851.85	41,308.88
Uncollectible Checks.....	355.58	
Farmers Markets Storm Damage.....	81,876.50	
Relief Act—John P. Sullivan.....	600.00	600.00
TOTAL EXPENDITURES.....	\$6,360,773.19	\$6,991,227.57

**DEPARTMENT OF AGRICULTURE—DIVISION OF ANIMAL INDUSTRY
STATEMENT OF OPERATIONS FOR THE PERIOD
JANUARY 15, 1961, to JUNE 30, 1962**

	January 15, 1961— June 30, 1961	1961-62
AGENCY AND TRUST FUNDS		
MEAT INSPECTION FEES.....	\$ 46,609	\$ 25,586
DIAGNOSTIC LABORATORIES GRANT—FEDERAL GOVERNMENT.....		18,753
TOTAL—AGENCY AND TRUST FUNDS.....	\$ 46,609	\$ 44,339
GRAND TOTAL—ALL FUNDS.....	\$1,666,667	\$2,386,316

**DEPARTMENT OF AGRICULTURE — SPECIAL FUNDS
STATEMENT OF REVENUE AND EXPENDITURES FOR THE
FISCAL YEARS ENDING JUNE 30, 1961, and JUNE 30, 1962**

	1960-1961		1961-1962	
REVENUE:				
Federal-State Inspection Service				
Inspection Fees.....		\$ 887,514.81		\$ 894,094.24
Citrus Crop Estimate Research Fund				
Grant—Federal Government.....	\$ 36,600.00		\$ 24,000.00	
Grant—Growers Administrative Commission.....	24,500.00		6,000.00	
Grant—Florida Department of Agriculture, Division of				
Plant Industry.....	13,600.00			
Transfer—Florida Tomato Committee Trust Fund.....	4,421.11			
Contribution—Citrus Industry.....		79,121.11	126,568.58	156,768.58
Agricultural and Livestock Fair Fund				
Permits.....		24,410.00		2,125.00
Egg Sales Promotion				
Grant—Federal Government.....	\$ 10,000.00		\$ 10,000.00	
Grant—Florida Department of Agriculture.....	15,000.00	25,000.00	15,000.00	25,000.00
Pesticide Residue Program				
Contribution—General Revenue Fund.....		25,000.00		
Division of Plant Industry				
Nursery Inspection Fees.....		40,700.89		88,141.46

Replacement Account—Wauchula Market

Transfer—State Fire Fund..... 1,095.00

Citrus Equipment and Product Testing Trust Fund

Grant—Florida Department of Agriculture..... \$ 7,000.00
Grant—Federal Government..... 7,000.00 14,000.00

Livestock and Poultry Estimating Trust Fund

Grant—Florida Department of Agriculture..... \$ 12,500.00
Grant—Federal Government..... 12,500.00 25,000.00

Agricultural and Livestock Buildings Trust Fund

Administrative..... \$ 25,000.00
Hendry County Fair Association and Trustees
Internal Improvement Fund..... 50,000.00
Hernando County Fair Association and Trustees
Internal Improvement Fund..... 16,900.00
Martin County Fair Association and Trustees
Internal Improvement Fund..... 30,501.00
Okaloosa County Fair Association and Trustees
Internal Improvement Fund..... 54,220.00
Highlands County Fair Association and Trustees
Internal Improvement Fund..... 18,765.00
Madison County Fair Association and Trustees
Internal Improvement Fund..... 3,445.32
Osceola County Fair Association and Trustees
Internal Improvement Fund..... 9,641.12
Lake County Fair Association and Trustees
Internal Improvement Fund..... 8,149.00 215,721.44

TOTAL REVENUE..... \$1,082,841.81 \$1,420,850.72

DEPARTMENT OF AGRICULTURE—SPECIAL FUNDS
STATEMENT OF REVENUE AND EXPENDITURES FOR THE
FISCAL YEARS ENDING JUNE 30, 1961, and JUNE 30, 1962

	1960-1961	1961-1962
EXPENDITURES:		
Federal—State Inspection Service.....	\$ 703,471.06	\$ 825,698.16
Citrus Crop Estimate Research Fund.....	72,623.77	116,329.10
Agricultural and Livestock Fair Fund.....	19,285.92	5,094.62
Egg Sales Promotion.....	26,457.82	24,428.25
Pesticide Residue Program.....	24,192.91	.....
Division of Plant Industry—Nursery Inspection.....	35,612.14	48,852.44
Replacement Account—Wauchula Market.....	1,095.00	.....
Florida Tomato Committee Trust Fund.....	4,421.11	.....
Citrus Equipment and Product Testing Trust Fund.....	.....	11,431.25
Livestock and Poultry Estimating Trust Fund.....	.....	18,031.02
Agricultural and Livestock Buildings Trust Fund		
Administrative.....	\$ 12,160.18	
Hendry County Fair Association.....	45,573.00	
Hernando County Fair Association.....	15,903.50	
Madison County Fair Association.....	3,445.32	
Martin County Fair Association.....	27,450.90	
Okaloosa County Fair Association.....	54,220.00	162,752.90
TOTAL EXPENDITURES.....	\$ 887,159.73	\$1,212,617.74

DEPARTMENT OF AGRICULTURE—DIVISION OF ANIMAL INDUSTRY
STATEMENT OF OPERATIONS FOR THE PERIOD
JANUARY 15, 1961, to JUNE 30, 1962

	January 15, 1961 to June 30, 1962	1961-62
GENERAL REVENUE APPROPRIATIONS:		
GENERAL ACTIVITIES		
Salaries.....	\$ 250,380	\$607,311
Other Personal Services.....		29,030
Expenses.....	119,921	321,100
Operating Capital Outlay.....	5,765	29,000
Purchase of Vaccines and Serums.....	159,553	125,000
Livestock Indemnities.....	35,358	30,000
ANIMAL AND POULTRY DIAGNOSTIC LABORATORIES		
Salaries.....	83,456	152,452
Expenses.....	49,528	51,700
Operating Capital Outlay.....	7,848	13,800
MEAT INSPECTION		
Salaries.....	145,213	442,735
Expenses.....	25,678	58,200
TICK ERADICATION		
Salaries.....	204,633	358,649
Expenses.....	58,529	105,000
Operating Capital Outlay.....	5,193	18,000
SCREWORM ERADICATION		
Salaries.....	160,166	
Expenses.....	281,145	
Operating Capital Outlay.....	27,692	
TOTAL—GENERAL REVENUE APPROPRIATIONS.....	\$1,620,058	\$2,341,977

TABLE I—REVENUE
JANUARY 16, 1961, to JUNE 30, 1961
Recapitulation Showing Source and Amount Transferred from State Plant Board of Florida
to Florida State Department of Agriculture on January 15, 1961

BALANCES TRANSFERRED					
	<i>Balance Forward</i>	<i>Current Appropriations</i>	<i>Current Releases</i>	<i>Receipts</i>	<i>Total for Period</i>
GENERAL REVENUE:					
General Activities:					
Salaries	\$ 66,243.24	\$ 358,016.00	\$ 4,529.98	\$	\$ 428,789.22
Expense	100,564.60	167,329.00	6,410.74	.....	274,304.34
Refunds .....	.....	.....	.....	4,305.27	4,305.27
Operating Capital Outlay	2.18	4,845.00	10,804.68	.....	15,651.86
Apiarian Indemnities	3.75	493.25	.....	7,000.00	7,497.00
Security Fence	730.28	.....	.....	.....	730.28
TOTAL	\$	\$	\$	\$	\$ 731,277.97
Restricted:					
Spreading Decline Eradication	\$ 770,667.79	\$	\$	\$ 3,858.00	\$ 774,525.79
Spreading Decline Research and Study	17,421.18	.....	.....	49.48	17,470.66
Imported Fire Ant and White Fringed Beetle .....	.05	.....	.....	.....	.05
TOTAL	\$	\$	\$	\$	\$ 791,996.95
AGENCY:					
General Inspection Fund:					
Nursery Inspection Fee—Control	\$ 89,240.50	\$	\$	\$ 36,938.27	\$ 126,178.77
TOTAL	\$	\$	\$	\$	\$ 126,178.77
TOTAL ALL ACTIVITIES					\$1,649,453.69

TABLE II—EXPENDITURES BY ACTIVITY
JANUARY 16, 1961, to JUNE 30, 1961

	Salary	Expense	Operating Capital Outlay	Refunds	3% Charge	Total Expenditures
GENERAL ACTIVITIES:						
Administrative.....	\$ 21,801.96	\$ 4,794.28	\$ 1,885.79	\$.....	\$.....	\$ 28,482.03
Technical Committee.....		136.66				136.66
Entomology.....	29,179.33	8,748.38	2,189.47			40,117.18
Plant Pathology.....	26,272.50	4,765.88	857.24			31,895.62
Nematology.....	6,816.63	1,207.57	2,190.62			10,214.82
Apiary.....	21,346.82	8,502.46	1,975.83			31,825.11
General Expense.....		21,432.63	261.19			21,693.82
Citrus Crop Estimate Research.....	12,792.42	8,398.44				21,190.86
Plant Inspection—Nursery.....	182,794.99	38,703.49	3,359.78			224,858.26
Plant Inspection—Budwood.....	15,414.67	6,118.15	1,789.48			23,322.30
Plant Inspection—Med Fly.....	13,836.79	21,312.70	1,140.00			36,289.49
TOTAL.....	\$330,256.11	\$124,120.64	\$ 15,649.40	\$.....	\$.....	\$470,026.15
Apiarian Indemnities.....	\$.....	\$ 6,072.00	\$.....	\$.....	\$.....	\$ 6,072.00
Spreading Decline Eradication.....	\$ 13,098.00	\$ 88,417.13	\$ 175.55	\$.....	\$.....	\$101,690.68
Spreading Decline Research and Study ...	\$ 3,952.88	\$ 8,450.39	\$ 5,048.10	\$.....	\$.....	\$ 17,451.37
Imported Fire Ant and White Fringed Beetle	\$.....	\$.....	\$.....	\$.....	\$.....	\$.....
AGENCY:						
Nursery Inspection Fees.....	\$ 15,740.00	\$ 19,474.08	\$ 39.21	\$ 45.17	\$ 313.68	\$ 35,612.14
TOTAL EXPENDITURES ALL ACTIVITIES.....	\$.....	\$.....	\$.....	\$.....	\$.....	\$630,852.34

TABLE I—REVENUE
JULY 1, 1961, to JUNE 30, 1962

	<i>Balance Forward</i>	<i>Current Appropriations</i>	<i>Receipts</i>	<i>Total</i>
GENERAL REVENUE:				
General Activities				
Salaries.....	\$.....	\$ 741,925.00	\$.....	\$ 741,925.00
Other Personal Services.....		10,500.00		10,500.00
Expense.....		192,000.00		192,000.00
Refunds.....			457.82	457.82
Operating Capital Outlay.....		22,700.00		22,700.00
Apiarian Indemnities.....		10,000.00		10,000.00
Citrus Budwood Foundation.....		56,000.00		56,000.00
TOTAL.....	\$.....	\$1,033,125.00	\$ 457.82	\$1,033,582.82
Restricted:				
Spreading Decline Eradication				
Salaries.....	\$.....	\$ 46,922.00	\$.....	\$ 46,922.00
Other Personal Services.....		479.00		479.00
Expense.....		145,000.00		145,000.00
Refunds.....			565.90	565.90
Operating Capital Outlay.....		7,500.00		7,500.00
TOTAL.....	\$.....	\$ 199,901.00	\$ 565.90	\$ 200,466.90
AGENCY:				
Nursery Inspection Fees—Control.....	\$.....	\$ 90,566.63	\$ 88,141.46	\$ 178,708.09
Revolving Fund.....		4,000.00		4,000.00
TOTAL.....	\$.....	\$ 94,566.63	\$ 88,141.46	\$ 182,708.09

TABLE II—EXPENDITURES BY ACTIVITY
JULY 1, 1961, to JUNE 30, 1962

	<i>Salary</i>	<i>Other Personal Services</i>	<i>Expense</i>	<i>Operating Capital Outlay</i>	<i>Refunds</i>	<i>Charge</i>	<i>Total</i>
GENERAL ACTIVITIES:							
Administrative.....	\$ 64,592.20	\$ 45.00	\$ 9,842.08	\$2,701.84	\$.....	\$.....	\$ 77,181.12
Technical Committee.....			216.95				216.95
Entomology.....	58,050.00	96.21	9,111.73	4,426.37			71,684.31
Plant Pathology.....	42,367.91	3,104.16	7,620.15	2,189.41			55,281.63
Nematology.....	17,975.50	2,368.50	1,737.65	920.20			23,001.85
Apiary.....	45,023.32		18,448.50	342.82			63,814.64
General Expense.....		116.88	44,694.22	500.00			45,311.10
Citrus Crop Estimate Research.....	31,940.70		412.15				32,352.85
Plant Inspection—Nursery.....	363,290.12	2,300.02	57,262.56	3,439.09			426,291.79
Plant Inspection—Budwood.....	34,410.77	1,402.40	14,177.22	766.76			50,757.15
Plant Inspection—Med Fly.....	29,671.17		28,139.95	7,400.30			65,211.42
TOTAL.....	\$687,321.69	\$9,433.17	\$191,663.16	\$22,686.79	\$.....	\$.....	\$ 911,104.81
Apiarian Indemnities.....	\$.....	\$.....	\$ 6,693.50	\$.....	\$.....	\$.....	\$ 6,693.50
Citrus Budwood Foundation.....	\$.....	\$.....	\$.....	\$55,996.85	\$.....	\$.....	\$ 55,996.85
Restricted:							
Spreading Decline Eradication....	\$ 44,247.87	\$ 445.80	\$107,012.72	\$2,345.28	\$.....	\$.....	\$ 154,051.67
AGENCY:							
Nursery Inspection Fees.....	\$ 23,640.00	\$.....	\$ 22,135.77	\$ 583.36	\$454.38	\$2,038.93	\$ 48,852.44
TOTAL EXPENDITURES							
ALL ACTIVITIES.....	\$.....	\$.....	\$.....	\$.....	\$.....	\$.....	\$1,176,699.27

DEPARTMENT OF AGRICULTURE—DIVISION OF ANIMAL INDUSTRY
STATEMENT OF OPERATIONS FOR THE PERIOD
JANUARY 15, 1961, to JUNE 30, 1962

	<i>January 15, 1961 to June 30, 1961</i>	<i>1961-62</i>
EXPENDITURES		
Administrative and General.....	\$ 60,941	\$ 119,151
Technical Committee.....	2,112	2,859
Brucellosis and Tuberculosis Section.....	61,500	150,152
Poultry Disease Section.....	16,850	33,940
Contagious and Infectious Disease Section.....	228,220	642,364
Mastitis Section.....	55,601	113,517
Livestock Indemnities.....	18,550	15,534
Large Animal Diagnostic Laboratory.....	71,934	136,219
Dade County Poultry Laboratory.....	7,501	15,012
Jackson County Poultry Laboratory.....	6,731	14,761
Nassau County Poultry Laboratory.....	2,949	16,844
Pasco County Poultry Laboratory.....	14,348	25,392
Meat Inspection Section.....	185,388	426,653
Tick Eradication Section.....	214,144	145,463
Screwworm Eradication Section.....	122,178	.....
GRAND TOTAL—ALL EXPENDITURES.....	\$1,068,947	\$1,857,861

SUMMARY OF FOOD AND DRUG SAMPLES ANALYZED

	<i>July 1, 1960– June 30, 1961</i>	<i>July 1, 1961– June 30, 1962</i>
Official Food Samples.....	2,356	3,831
Legal Food Samples.....	2,004	3,452
Illegal Food Samples.....	362	322
Food Analyses.....	7,714	9,534
Special Food Samples.....	182	188
Total Analyses—July 1, 1960–June 30, 1962.....		17,248

Inspection by Drug Inspectors

	<i>July 1, 1960– Jan. 15, 1961</i>
Number of Drug Store Inspections.....	1,446
Number of Other Inspections.....	209
Number of Irregularities Found.....	82

The enforcement of drugs was transferred to the Florida State Board of Health effective January 15, 1961.

SUMMARY OF FEED SAMPLES ANALYZED

	<i>July 1, 1960- June 30, 1961</i>	<i>July 1, 1961- June 30, 1962</i>
Number of Official Samples:		
Legal.....	4,401	4,113
Illegal.....	463	454
Number of Special Samples.....	223	332
Total Samples.....	5,087	4,899

SUMMARY OF FERTILIZER SAMPLES ANALYZED

	<i>July 1, 1960- June 30, 1961</i>	<i>July 1, 1961- June 30, 1962</i>
Official Fertilizer Samples.....	6,764	7,449
Legal.....	5,734	6,674
Deficient.....	1,030	775
Stop-Sale.....	105	124
Miscellaneous and Research Samples.....	138	232
Check Samples.....	1,794	1,703
Pesticide Samples Checked for Mineral Content.....	182	285

SUMMARY OF PESTICIDE SAMPLES ANALYZED

	<i>July 1, 1960- June 30, 1961</i>	<i>July 1, 1961- June 30, 1962</i>
Number of Official Samples.....	3,323	3,911
Legal.....	3,023	3,595
Deficient.....	300	316
Miscellaneous Samples.....	15	19
Pesticide—Fertilizer Samples.....	310	323
Number of Registrants for Calendar Year 1960.....		908
Number of Registrants for Calendar Year 1961.....		1,050
Number of Brands Registered for Calendar Year 1960.....		8,219
Number of Brands Registered for Calendar Year 1961.....		8,838
Approximate Number of Analyses run from July 1, 1960, through June 30, 1962.....		16,716

**SUMMARY OF SEED SAMPLES TESTED
JULY 1, 1960—JUNE 30, 1961**

	<i>Official</i>	<i>Special</i>	<i>Certified</i>	<i>Referee</i>	<i>Total</i>
Number of Samples.....	5,410	1,298	964	313	7,985
Legal.....					4,645
Mislabeled.....					642
Illegal.....					123
JULY 1, 1961—JUNE 30, 1962					
Number of Samples.....	4,764	1,356	1,144	681	7,945
Legal.....					3,971
Mislabeled.....					634
Illegal.....					153

**FORMAL CLAIMS SETTLED BY LICENSE AND BOND SECTION
COVERING PERIOD FROM JULY 1, 1960—JUNE 30, 1962, INCLUSIVE**

<i>License Year (Fiscal)</i>	<i>Claims Paid by Sureties</i>	<i>Claims Paid by Dealers (Licensed and Unlicensed)</i>	<i>Total All Claims Paid</i>
1961-62.....	\$ 60,704.29	\$ 72,731.07	\$133,435.36
1960-61.....	75,690.61	42,939.74	118,630.35

**CLAIMS SETTLED JULY 1, 1961—JUNE 30, 1962, AGAINST BONDED
DEALERS BY MAJOR COMMODITY CLASSIFICATIONS
Amounts Paid by Sureties—July 1, 1961—June 30, 1962**

<i>Fruits and Vegetables</i>	<i>Poultry and Eggs</i>	<i>Flowers and Nursery Stock</i>	<i>Field Crops</i>	<i>Livestock</i>	<i>Total</i>
\$28,796.87	\$14,538.53	\$6,908.21	.....	\$10,460.68	\$60,704.29
Amounts Paid by Dealers—July 1, 1961—June 30, 1962					
\$47,896.65	\$10,083.00	\$7,276.48	\$1,010.74	.....	\$66,266.87

**CLAIMS SETTLED JULY 1, 1961—JUNE 30, 1962, AGAINST UNBONDED
DEALERS BY MAJOR COMMODITY CLASSIFICATIONS**

\$ 6,408.10	.....	\$ 56.10	.....	.....	\$ 6,464.20
GRAND TOTAL ALL CLAIMS PAID.....					\$133,435.36

**SUMMARY OF INSPECTION WORK IN ENFORCEMENT OF
FLORIDA FOOD LAW BY INSPECTION DIVISION**

*July 1, 1960- July 1, 1961-
June 30, 1961 June 30, 1962*

Inspections of Bakeries.....	2,618	2,960
Inspections of Bottling Plants.....	617	652
Inspections of Candy Plants.....	176	210
Inspections of Canning Plants.....	281	268
Inspections of Fire Damaged Stocks.....	29	45
Inspections of Grist Mills.....	175	126
Inspections of Institutional Supplies.....	47	54
Inspections of Jelly and Marmalade Plants.....	100	155
Inspections of Meat Plants, including Lockers.....	734	793
Inspections of Salvage Plants.....	138	183
Inspections of Sandwich Plants.....	158	205
Inspections of Syrup Plants.....	43	72
Inspections of Other Food Processing Plants.....	859	892
Inspections of Wholesale Food Establishments.....		507
Packages of Impure or Adulterated Food Destroyed..	267,514	33,259
Pounds of Impure or Adulterated Food Destroyed....	499,655	517,367
Packages of Food Stop-saled.....	193,131	39,846
Pounds of Food Stop-saled.....	496,384	520,187
Samples of Labels Drawn.....	369	143
Official Samples Drawn.....	384	603
Unofficial Samples Drawn.....	589	583

Grand Totals of Food Stopsaled and Destroyed by Inspection Division

Grand Total Packages Impure or Adulterated Food Destroyed.....	324,088	70,822
Grand Total Pounds Impure or Adulterated Food Destroyed.....	597,532	553,531
Grand Total Packages Food Stop-Saled.....	259,259	102,379
Grand Total Pounds Food Stop-Saled.....	497,301	629,567

**SUMMARY OF INSPECTION WORK IN ENFORCEMENT OF
FLORIDA COMMERCIAL FEED LAW BY INSPECTION DIVISION**

	<i>July 1, 1960- June 30, 1961</i>	<i>July 1, 1961- June 30, 1962</i>
COMMERCIAL FEED		
Inspections of Dealers Stocks.....	57,903	61,485
Calls on Consumers.....	5,779	6,193
Samples of Stock Feed Drawn.....	4,693	4,526
Tons of Stock Feed Represented by Samples Drawn	37,889.68	39,068.59
Tons of Stock Feed Stopsaled Account Deficiency.	77.23	6.32
Tons of Stock Deed Stopsaled Account Improper Tagging.....	70.61	95.92
Packages of Stock Feed Weighed.....	23,970	33,407
Packages of Stock Feed Stopsaled Account of Short Weight.....	3,280	5,840
(Tons Represented by Packages Stopsaled)....	109.88	193.84
Packages of Dog Food Weighed.....	189	2,314
Cans of Dog Food Stopsaled Account Short Weight	.....	178
Pounds of Dog Food Stopsaled Account of Short Weight.....	.....	98
Samples of Dog Food Drawn.....	116	90
Cans of Dog Food Represented by Samples Drawn	8,328	9,875
Pounds of Dog Food Represented by Samples Drawn.....	4,599	23,460
Cans of Dog Food Stopsaled Account of Deficiency	166	179
Pounds of Dog Food Stopsaled Account of Defi- ciency.....	.....	4
Cans of Dog Food Stopsaled Account of Improper Labeling.....	84	1,115
Pounds of Dog Food Stopsaled Account of Im- proper Tagging.....	233	20
Cans of Dog Food Stopsaled Account of Unregis- tered.....	104	1,230
Pounds of Dog Food Stopsaled Account Unregis- tered.....	27	.....
Cans of Dog Food Destroyed.....	42	238
Pounds of Dog Food Destroyed.....	60	20
Irregularity Reports Issued.....	271	513

**FEED DEALERS, IMPORTERS, AND MANUFACTURERS REGISTERED
WITH FLORIDA DEPARTMENT OF AGRICULTURE**

819 Registrants.....	As of June 30, 1961
950 Registrants.....	As of December 31, 1961

BRANDS OF MIXED FEED AND FEED MATERIALS REGISTERED WITH FLORIDA DEPARTMENT OF AGRICULTURE

8,329 Brands Registered.....As of June 30, 1961
9,055 Brands Registered.....As of December 31, 1961

ANNUAL MASTER REGISTRATIONS ISSUED BY FLORIDA DEPARTMENT OF AGRICULTURE

390 Registrations.....As of June 30, 1962

SUMMARY OF INSPECTION WORK IN ENFORCEMENT OF FLORIDA FOOD LAW, POULTRY AND EGG LAWS BY INSPECTION DIVISION

	<i>July 1, 1960- June 30, 1961</i>	<i>July 1, 1961- June 30, 1962</i>
POULTRY		
Inspections Dealers' Stocks.....	29,776	31,750
Pounds Poultry Stopsaled for Violations of Poultry Law.....	4,606	14,264
Pounds Poultry Destroyed, Unfit for Consumption	1,278	1,890
Irregularity Reports Issued.....	113	111
EGGS		
Inspections Dealers' Stocks.....	43,407	47,634
Inspections Restaurants' Stocks.....	10	76
Inspections Producers' Stocks.....	9	6
Cases of Eggs Stopsaled.....	276	252
Dozens Destroyed Unfit for Consumption.....	28	63
Irregularity Reports Issued.....	102	71
OTHER FOOD PRODUCTS		
Inspections of Food Stocks.....	60,396	64,358
Samples Drawn.....	756	1,167
Packages of Food Weighed.....	464,360	467,933
Packages of Food Stopsaled Account Short Weight	23,509	21,422
Packages of Food Stopsaled <i>other</i> than Short Weight	42,619	41,111
Pounds of Food Stopsaled (Products not in Pack- ages).....	917	109,380
Stores Meat Checked for Sulfites.....	1,564	545
Negative Tests for Sulfites.....	1,570	543
Positive Tests for Sulfites.....	13	10
Packages Impure or Adulterated Food Destroyed..	56,574	37,563
Pounds of Impure or Adulterated Food Destroyed..	97,877	36,164
Irregularity Reports Issued.....	356	350

**SUMMARY OF INSPECTION WORK IN ENFORCEMENT OF
POULTRY AND EGG LAWS BY POULTRY AND EGG SECTION,
INSPECTION DIVISION**

	<i>July 1, 1960- June 30, 1961</i>	<i>July 1, 1961- June 30, 1962</i>
POULTRY		
Inspections Dealers' Stocks.....	7,427	7,459
Inspections Restaurants' Stocks.....	172	530
Inspections Producers' Stocks.....	48	38
Pounds Poultry Stopsaled for Violation of Poultry Law.....	4,767	148,693
Pounds Poultry Destroyed.....	1,689	25,751
Irregularity Reports Issued.....	40	67
EGGS		
Inspections Dealers' Stocks.....	9,105	9,216
Inspections Restaurants' Stocks.....	195	619
Inspections Producers' Stocks.....	1,432	2,254
Cases of Eggs Stopsaled.....	2,356	1,822
Dozens Destroyed Unfit for Consumption.....	163	108
Irregularity Reports Issued.....	30	59

**SUMMARY OF INSPECTION WORK IN ENFORCEMENT OF
FLORIDA COMMERCIAL FERTILIZER LAW
BY INSPECTION DIVISION**

	<i>July 1, 1960- June 30, 1961</i>	<i>July 1, 1961- June 30, 1962</i>
FERTILIZER		
Inspections of Dealers Stocks.....	27,167	30,509
Calls on Consumers.....	5,426	6,869
Samples Drawn.....	6,958	7,511
Tons Represented by Samples Drawn.....	95,490.39	102,122.09
Tons Stopsaled Account of Deficiency.....	124.69	133.27
Tons Stopsaled Account of Improper Tagging.....	21.03	16.73
Tons Stopsaled Account of Unregistered.....	4.70	4.66
Packages of Fertilizer Weighed.....	24,939	35,285
Packages of Fertilizer Stopsaled Account of Short Weight.....	9,037	9,001
(Tons represented by packages stopsaled).....	301.02	261.45
Irregularity Reports Issued.....	149	257

**FERTILIZER DEALERS, IMPORTERS, AND MANUFACTURERS
REGISTERED WITH FLORIDA DEPARTMENT OF AGRICULTURE
(Registrations Permanent until Canceled)**

324 Registrants.....	As of June 30, 1961
379 Registrants.....	As of June 30, 1962

**BRANDS OF MIXED FERTILIZERS AND FERTILIZER MATERIALS
REGISTERED WITH FLORIDA DEPARTMENT OF AGRICULTURE**

22,016 Brands Registered.....	As of June 30, 1961
27,133 Brands Registered.....	As of June 30, 1962

**SUMMARY OF INSPECTION WORK IN ENFORCEMENT OF FLORIDA
PESTICIDE LAW BY INSPECTION DIVISION**

	<i>July 1, 1960- June 30, 1961</i>	<i>July 1, 1961- June 30, 1962</i>
PESTICIDE		
Inspections of Dealers Stocks.....	69,723	77,366
Calls on Consumers.....	5,300	6,986
Samples Drawn.....	3,149	4,104
Pounds Stopsaled Account of Deficiency.....	80,668	85,369
Gallons Stopsaled Account of Deficiency.....	1,417	4,037
Pounds Stopsaled Account of Improper Labeling..	5,744	1,680
Gallons Stopsaled Account of Improper Labeling..	605	591
Pounds Stopsaled Account Unregistered.....	48,747	7,372
Gallons Stopsaled Account Unregistered.....	5,959	1,920
Containers of Less than One Pound Stopsaled Account Unregistered.....	21,284	11,161
Packages of Pesticide Weighed.....	4,179	4,491
Packages of Pesticide Stopsaled Account of Short Weight.....	1,042	1,057
(Pounds of Pesticide Represented by Packages Stopsaled).....	31,385	55,113
Irregularity Reports Issued.....	2,267	2,362

**PESTICIDE DEALERS, IMPORTERS, AND MANUFACTURERS
REGISTERED WITH FLORIDA DEPARTMENT OF AGRICULTURE**

908 Registrants.....	Calendar Year 1960
1,050 Registrants.....	Calendar Year 1961

**BRANDS OF PESTICIDES REGISTERED WITH
FLORIDA DEPARTMENT OF AGRICULTURE**

8,219 Brands Registered.....	Calendar Year 1960
8,838 Brands Registered.....	Calendar Year 1961

SUMMARY OF INSPECTION WORK IN ENFORCEMENT OF FLORIDA SEED LAW BY INSPECTION DIVISION

	<i>July 1, 1960- June 30, 1961</i>	<i>July 1, 1961- June 30, 1962</i>
SEED		
Inspection of Dealers Stocks.....	18,791	20,160
Calls on Consumers.....	1,003	1,151
Samples Drawn.....	4,865	4,601
Pounds Represented by Samples Drawn.....	19,938,208	19,378,621
Pounds Stopsaled Account of State Chemist's Re- ports.....	140,758	370,933
Pounds Stopsaled Account of Improper Labeling..	231,716	388,250
Pounds Destroyed Account of Unfit for Planting..	77,521	37,552
Packages of Seed Weighed.....	884	1,960
Irregularity Reports Issued.....	88	144

FLORIDA SEED LAW (Paid Seed Dealers' Permits Issued by Florida Department of Agriculture)

1596 Paid Seed Dealers' Permits.....	Year 1960-1961
Receipts from Paid Seed Dealers' Permits.....	\$20,504.00
1507 Paid Seed Dealers' Permits.....	Year 1961-1962
Receipts from Paid Seed Dealers' Permits.....	\$33,135.00

FLORIDA CERTIFICATION SEED LAW CERTIFIED SEED, CROP OF 1960

<i>Kind</i>	<i>Acres</i>	<i>Pounds of Seed Tagged and Sealed</i>
Hybrid Corn.....	621	13,690
Lupine.....	15	12,400
Oats.....	270	314,675
Okra.....	10	3,004
Peanuts.....	5,034	3,240,408
Rye.....	130	.....
Watermelons.....	503	64,241

FLORIDA CERTIFICATION SEED LAW CERTIFIED SEED, CROP OF 1961

<i>Kind</i>	<i>Acres</i>	<i>Pounds of Seed Tagged and Sealed</i>
Lupine.....	205	118,200
Oats.....	361	204,672
Okra.....	7	1,521
Peanuts.....	6,993	60,000 lbs. in hull 4,125,608 lbs. hulled
Rye.....	90	89,040
Soybeans.....	271	240,000
Tobacco.....	9	9
Watermelons.....	405	53,120
Wheat.....	132	156,120

**ANALYSES PERFORMED BY DIVISION OF STANDARDS
GASOLINE AND OIL SECTION
JULY 1, 1960, THROUGH JUNE 30, 1962**

	<i>July, 1960- June, 1961</i>	<i>July, 1961- June, 1962</i>
	<i>Number</i>	<i>Number</i>
GASOLINE ANALYSES		
LEGAL:		
Main Laboratory:		
Interstate Shipments (Complete Analyses).....	3,034	2,989
Intrastate Shipments (Distillation Range and Octane Number).....	9,782	10,366
Special Samples (Varied Analyses).....	182	206
Check Test of Analyses by Field Laboratories..	119	89
Mobile Field Laboratories (Distillation Range Only)		
Laboratory A.....	7,988	7,727
Laboratory B.....	7,907	7,679
Laboratory C.....	9,479	9,121
Laboratory D.....	9,308	9,063
Laboratory F.....	8,963	8,957
ILLEGAL:		
Main Laboratory.....	227	234
Field Laboratory.....	120	87
KEROSENE ANALYSES		
LEGAL:		
Main Laboratory:		
Interstate Shipments (Complete Analyses).....	479	427
Intrastate Shipments (Flash Point, End Point, and Color).....	2,071	2,422
Special Samples (Varied Analyses).....	50	47
Check Test of Analyses by Field Laboratories..	0	1
Mobile Field Laboratories (Flash Point and Color)		
Laboratory A.....	2,339	2,304
Laboratory B.....	2,019	1,902
Laboratory C.....	2,546	2,564
Laboratory D.....	2,267	2,616
Laboratory F.....	2,215	2,265
ILLEGAL:		
Main Laboratory.....	572	563
Field Laboratory.....	503	446
MISCELLANEOUS ANALYSES (Products other than Gasoline and Kerosene).....		
	188	490
GRAND TOTAL.....	71,616	71,942

**STATISTICS FOR THE DIVISION OF STANDARDS, GASOLINE AND
OIL SECTION, FOR THE FISCAL YEAR
JULY 1, 1960, THROUGH JUNE 30, 1962**

Petroleum Products

	1960-1961	1961-1962
Official Gasoline Analyses.....	56,688	56,136
Samples Found Not Legal.....	227	234
Per Cent of Samples Found Not Legal.....	.41	.42
Special Gasoline Samples (not offered for sale).....	182	206
Official Kerosene Analyses.....	14,508	15,063
Samples Found Not Legal.....	572	563
Per Cent of Samples Found Not Legal.....	3.94	3.74
Special Kerosene Samples (not offered for sale).....	50	47
Total Official Samples (Gasoline and Kerosene).....	71,196	71,199
Total Official Samples Found Not Legal.....	799	797
Per Cent of Total Official Samples Found Not Legal..	1.12	1.12
Miscellaneous Analyses (Products other than Gasoline and Kerosene).....	188	490
GRAND TOTAL.....	71,616	71,942

Brake Fluid

	1960-1961	1961-1962
Brands Registered.....	112	99
Samples Analyzed.....	172*	259†
Illegal Samples.....	†	9§
Lots Stopsaled Because of No Permit.....	†	140

* This includes all samples analyzed under the original brake fluid law, which was effective October 1, 1959, through December 31, 1961.

† The original law had no enforcement provision and therefore no samples could be considered illegal; however, many were found not to meet SAE specification 70R1, which was adopted as the State Standard for Brake Fluid.

‡ This includes all samples analyzed under the new law, which became effective January 1, 1962, through June 30, 1962.

§ This does not include 6 samples analyzed for approval of Permits that did not meet the State Standard.

SUMMARY OF INSPECTION WORK IN ENFORCEMENT OF GASOLINE INSPECTION LAW

	<i>July 1, 1960- June 30, 1961</i>	<i>July 1, 1961- June 30, 1962</i>
Inspections of Gasoline Pumps at Filling Stations....	135,814	150,657
Gasoline Pumps Found Inaccurate or Otherwise Out of Order.....	6,354	9,185
Inspections of Kerosene Pumps at Filling Stations and Food Stores.....	34,262	33,573
Kerosene Pumps Found Inaccurate or Otherwise Out of Order.....	2,532	2,399
Inspections of Diesel and Other Pumps.....	5,636	6,112
Diesel Pumps Found Inaccurate or Otherwise Out of Order.....	145	246
Correction Notices Issued on Gasoline, Kerosene, Diesel and Other Pumps at Filling Stations and Food Stores.....	5,045	6,190
Vehicle tanks compartments calibrated.....	4,765	4,629
Vehicle tank compartments found not within toler- ance and corrected.....	197	129
Vehicle tank compartments not calibrated and correc- tion notice issued.....	17	10
Wholesale meters calibrated.....	4,279	4,676
Wholesale meters found not within tolerance and corrected.....	1,299	1,284
Wholesale meters not calibrated and correction notice issued.....	44	15
Gasoline Samples drawn from retailers.....	50,330	50,315
Gasoline Samples drawn from bulk plants, tank cars, and terminals.....	6,655	6,642
Kerosene Samples drawn from retailers.....	9,995	10,705
Kerosene Samples drawn from bulk plants, tank cars, and terminals.....	1,786	1,808
Kerosene Samples drawn at food stores.....	2,714	2,617
Gallons Gasoline found illegal and controlled.....	270,056	718,762
Gallons Kerosene found illegal and controlled.....	163,320	160,332

Gasoline and Kerosene Dealers, Importers, and Manufacturers Registered with Florida Department of Agriculture

391 Registrants.....As of June 30, 1962

Brands of Gasoline Registered with Florida Department of Agriculture

955 Brands Registered.....As of June 30, 1962

Brands of Kerosene Registered with Florida Department of Agriculture

116 Brands Registered.....As of June 30, 1962

**TABULATION OF GASOLINE, KEROSENE, DIESEL, AND OTHER
PUMPS TESTED FOR ACCURACY OF MEASUREMENT
JULY 1, 1960, THROUGH JUNE 30, 1961**

COUNTY	Test of Gasoline pumps	Gasoline pumps found inaccurate or otherwise out-of-order	Test of Kerosene pumps	Kerosene pumps found inaccurate or otherwise out-of-order	Test of Diesel and other pumps	Correction notices issued on Gasoline, Kerosene, Diesel and other pumps
Alachua.....	2,504	51	755	24	78	52
Baker.....	437	14	116	4	20	13
Bay.....	3,276	127	746	62	64	186
Bradford.....	850	23	232	18	24	37
Brevard.....	3,241	123	628	18	109	90
Broward.....	6,560	251	1,034	84	205	212
Calhoun.....	376	15	135	2	5	23
Charlotte.....	293	18	58	13	5	11
Citrus.....	607	16	141	2	24	13
Clay.....	974	21	302	10	10	29
Collier.....	650	23	108	16	13	1
Columbia.....	1,508	73	373	27	49	64
Dade.....	16,631	1,056	2,963	192	482	664
De Soto.....	250	5	82	2	1	4
Dixie.....	450	6	90	1	18	6
Duval.....	13,274	485	2,679	105	1,193	265
Escambia.....	4,581	165	612	30	208	162
Flagler.....	415	10	76	3	9	12
Franklin.....	586	14	135	2	43	15
Gadsden.....	890	26	311	26	37	26
Gilchrist.....	210	7	48	1	4	4
Glades.....	262	11	36	3	8	
Gulf.....	522	18	158	10	15	24
Hamilton.....	600	60	168	2	4	32
Hardee.....	466	15	168	6	24	16
Hendry.....	621	23	107	4	16	
Hernando.....	503	7	133		5	4
Highlands.....	811	24	174	4	43	18
Hillsborough.....	12,098	824	2,883	311	608	778
Holmes.....	419	43	130	18	13	43
Indian River.....	880	28	182	6	42	23
Jackson.....	896	78	302	40	28	74
Jefferson.....	795	41	223	26	21	48
Lafayette.....	271	11	80	11	3	17
Lake.....	1,933	100	510	31	86	70
Lee.....	1,055	62	245	55	27	39
Leon.....	2,329	122	489	36	96	74
Levy.....	1,256	17	332	3	67	20
Liberty.....	147	12	45	1	4	5
Madison.....	797	58	332	16	26	48
Manatee.....	2,296	99	526	19	91	85
Marion.....	2,736	148	798	52	127	105
Martin.....	766	2	195		9	1
Monroe.....	1,420	24	216	6	82	33
Nassau.....	861	32	147	2	53	11
Okaloosa.....	1,288	84	176	6	25	29
Okeechobee.....	576	16	116	5	53	
Orange.....	5,457	503	1,293	183	173	403
Osceola.....	849	16	262	12	39	28
Palm Beach.....	6,982	81	1,406	10	242	23
Pasco.....	905	37	261	17	40	37
Pinellas.....	5,471	194	1,111	125	96	248
Polk.....	5,365	245	1,443	92	228	219
Putnam.....	1,525	42	498	6	47	34
St. Johns.....	1,624	37	360	4	83	33
St. Lucie.....	1,353	46	254	2	88	40
Santa Rosa.....	979	36	162	6	39	36
Sarasota.....	1,985	57	415	12	55	48
Seminole.....	767	30	202	6	37	31
Sumter.....	506	38	165	5	44	17
Suwannee.....	1,000	52	333	29	27	62
Taylor.....	1,553	129	239	28	71	90
Union.....	233	2	68	4	17	5
Volusia.....	2,885	122	582	20	95	110
Wakulla.....	170	8	48	1	2	5
Walton.....	594	33	135	6	22	22
Washington.....	444	47	156	17	16	43
TOTALS.....	135,814	6,243	29,888	1,900	5,638	5,020

**TABULATION OF GASOLINE, KEROSENE, DIESEL, AND OTHER
PUMPS TESTED FOR ACCURACY OF MEASUREMENT
JULY 1, 1961, THROUGH JUNE 30, 1962**

COUNTY	Test of Gasoline pumps	Gasoline pumps found inaccurate or otherwise out-of-order	Test of Kerosene pumps	Kerosene pumps found inaccurate or otherwise out-of-order	Test of Diesel and other pumps	Correction notices issued on Gasoline, Kerosene, Diesel and other pumps
Alachua.....	2,740	41	810	62	79	79
Baker.....	446	5	113	4	20	9
Bay.....	3,149	237	615	88	85	223
Bradford.....	1,032	78	237	19	36	63
Brevard.....	2,556	91	486	16	83	69
Broward.....	9,757	983	1,540	226	283	538
Calhoun.....	352	46	126	26	6	37
Charlotte.....	212	7	38	2	4	5
Citrus.....	503	73	89	7	22	51
Clay.....	981	47	273	19	15	53
Collier.....	938	61	145	7	27	17
Columbia.....	1,804	153	387	51	62	127
Dade.....	19,425	1,756	3,106	393	450	1,098
De Soto.....	321	8	105	2	4	5
Dixie.....	511	4	120	4	25	11
Duval.....	12,465	585	2,300	195	1,044	354
Escambia.....	4,038	243	492	32	207	154
Flagler.....	429	16	67	5	17	15
Franklin.....	368	43	85	9	33	24
Gadsden.....	962	34	363	5	43	8
Gilchrist.....	312	7	67	2	6	5
Glades.....	230	23	30	3	8	12
Gulf.....	403	32	104	22	2	30
Hamilton.....	595	42	150	10	4	38
Hardee.....	425	15	151	2	17	9
Hendry.....	453	42	83	3	12	22
Hernando.....	441	29	99	4	16	17
Highlands.....	1,084	81	210	6	66	29
Hillsborough.....	11,788	721	2,611	180	565	614
Holmes.....	781	43	231	25	24	48
Indian River.....	886	41	186	3	47	25
Jackson.....	1,889	126	603	51	72	113
Jefferson.....	762	33	209	41	28	61
Lafayette.....	257	14	75	6	4	15
Lake.....	2,180	115	583	39	103	59
Lee.....	2,163	168	468	7	66	58
Leon.....	2,452	82	632	18	129	16
Levy.....	1,081	17	258	13	55	25
Liberty.....	211	8	111	6	7	1
Madison.....	824	40	314	28	39	46
Manatee.....	2,231	89	493	7	88	53
Marion.....	2,348	106	584	30	97	62
Martin.....	1,200	58	282	24	41	2
Monroe.....	2,064	66	296	19	116	42
Nassau.....	880	87	141	10	41	39
Okaloosa.....	1,826	88	241	37	37	84
Okeechobee.....	779	19	156	1	54	.....
Orange.....	4,676	548	950	165	154	374
Osceola.....	376	15	109	2	14	14
Palm Beach.....	8,268	250	1,614	33	321	106
Pasco.....	1,228	97	317	14	46	82
Pinellas.....	8,091	371	1,564	76	170	243
Polk.....	5,398	258	1,405	52	254	198
Putnam.....	1,408	106	406	37	56	71
St. Johns.....	1,317	100	278	46	69	75
St. Lucie.....	2,356	69	394	26	141	20
Santa Rosa.....	1,127	57	169	8	56	47
Sarasota.....	2,194	64	436	9	69	40
Seminole.....	1,472	64	354	12	87	55
Sumter.....	393	23	126	2	31	15
Suwannee.....	816	57	257	13	30	64
Taylor.....	1,465	91	195	30	52	78
Union.....	241	14	71	2	14	13
Volusia.....	4,106	143	816	34	193	114
Wakulla.....	409	24	113	6	12	6
Walton.....	1,021	54	228	27	36	52
Washington.....	761	58	259	29	18	55
TOTALS.....	150,657	9,166	30,926	2,392	6,112	6,187

SUMMARY OF BRUCELLOSIS ACTIVITY JANUARY, 1961—JUNE, 1961

MONTH	TESTED		REACTORS		CALVES VACCINATED	
	Beef	Dairy	Beef	Dairy	Beef	Dairy
January.....	3,667	8,729	68	240	2,960	1,285
February.....	2,636	10,550	28	410	1,685	2,701
March.....	3,500	20,666	84	904	876	2,933
April.....	1,712	21,296	33	901	2,570	4,085
May.....	3,034	25,951	78	1,043	4,197	3,232
June.....	2,422	30,225	23	1,708	6,927	3,383
TOTAL.....	16,971	117,417	314	5,206	19,215	17,619

SUMMARY OF BRUCELLOSIS ACTIVITY JULY, 1961—JUNE, 1962

MONTH	TESTED		REACTORS		CALVES VACCINATED	
	Beef	Dairy	Beef	Dairy	Beef	Dairy
July.....	2,813	21,541	23	694	7,414	1,801
August.....	2,549	26,821	31	697	11,068	2,105
September.....	3,000	18,090	13	301	17,489	2,934
October.....	2,905	28,026	36	609	11,496	1,652
November.....	2,668	13,923	60	191	9,475	1,516
December.....	2,425	25,805	42	533	4,629	1,440
January.....	1,185	10,017	21	159	2,919	1,550
February.....	1,477	20,552	29	371	1,257	2,584
March.....	3,231	19,706	46	419	1,036	3,473
April.....	2,718	15,526	13	306	1,654	3,649
May.....	3,279	20,487	63	506	4,078	3,124
June.....	2,191	19,163	28	399	10,998	4,468
TOTALS.....	30,441	239,657	405	5,185	83,513	30,296

INTERSTATE SHIPMENTS JANUARY, 1961—JUNE, 1961

MONTH	Cattle	Swine	Horses	Dogs
IMPORTS				
January.....	2,869	800	248	202
February.....	3,718	3,184	244	221
March.....	4,506	6,103	236	237
April.....	4,842	868	175	198
May.....	6,883	1,720	130	218
June.....	5,151	1,302	205	181
TOTALS.....	27,969	13,977	1,238	1,257
MONTH	Cattle			
EXPORTS				
January.....	3,413			
February.....	4,284			
March.....	8,490			
April.....	11,834			
May.....	10,866			
June.....	7,619			
TOTAL.....	46,506			

ACTIVITIES OF DAIRY MOBILE LABORATORIES
JULY 1, 1960—JUNE 30, 1962

Samples of milk and cream submitted.....	1,926	Units ice milk weighed.....	24
Total number of tests of milk and milk products.....	13,653	Units of novelties weighed.....	35
Samples ice cream, ice milk, and frozen desserts.....	1,948	Total units weighed.....	549
Total tests on frozen desserts.....	9,659	H.T.S.T. pasteurizer tests.....	83
Total cheese samples submitted.....	246	Visitors to laboratories.....	232
Laboratories inspected for butterfat testing facilities.....	77	Samples collected by laboratory personnel.....	1,117
Units ice cream weighed.....	490	Total number of laboratory tests on milk and milk products and frozen desserts....	24,869

CHICK EXPORTS
JANUARY, 1961—JUNE, 1962

COUNTRY	Chicks Exported	COUNTRY	Chicks Exported
Bahamas.....	1,064,401	Jamaica.....	804,720
Bolivia.....	17,550	Lesser Antilles.....	401,445
Brazil.....	11,000	Mexico.....	291,922
British Guiana.....	162,782	Netherlands West Indies.....	255,524
British Honduras.....	127,394	Nicaragua.....	476,068
Bermuda.....	1,100	Paraguay.....	350
Chile.....	41,730	Panama.....	40,860
Colombia.....	20,740	Peru.....	22,336
Costa Rica.....	1,275,129	Portugal.....	1,075
Cuba.....	3,898,654	Puerto Rico.....	2,923,807
Dominican Republic.....	1,053,325	Salvador.....	8,000
El Salvador.....	667,934	Surinam.....	280,614
Ecuador.....	429,566	Trinidad.....	264,134
Guatemala.....	972,122	Venezuela.....	100,352
Haiti.....	323,635	Virgin Islands.....	28,494
Honduras.....	207,152		
		TOTAL.....	16,173,915

SUMMARY OF MEAT INSPECTION ACTIVITY
JANUARY, 1961—JUNE, 1961

MONTH	SLAUGHTERED				Animals Condemned
	Cattle	Calves	Swine	Other	
January.....	16,955	6,466	54,767	12 Sheep 2 Goats	212
February.....	14,800	5,038	43,960	17 Goats	202
March.....	16,815	4,063	46,560	26 Goats 11 Sheep 1 Buffalo	155
April.....	15,549	2,733	34,507	92 Sheep 30 Goats	145
May.....	16,837	2,840	34,917	34 Sheep 19 Goats	118
June.....	13,963	3,750	30,005	42 Goats 101 Sheep	122
TOTALS.....	94,919	24,890	244,716	250 Sheep 136 Goats 1 Buffalo	954

SUMMARY OF MEAT INSPECTION ACTIVITY JULY, 1961—JUNE, 1962

MONTH	SLAUGHTERED				Animals Condemned
	Cattle	Calves	Swine	Other	
July.....	12,628	5,603	30,010	7 Goats 76 Sheep	92
August.....	13,668	8,246	33,568	13 Goats 28 Sheep	181
September.....	13,014	8,256	35,433	73 Sheep 3 Goats	237
October.....	14,014	8,619	43,916	1 Sheep 14 Goats	191
November.....	12,581	7,479	45,318	33 Goats 20 Sheep	177
December.....	11,801	6,831	49,408	15 Sheep 7 Goats	218
January.....	14,965	6,478	51,783	14 Sheep 17 Goats	238
February.....	12,971	3,669	43,874	12 Sheep 11 Goats	310
March.....	14,651	2,782	45,571	22 Goats 21 Sheep	250
April.....	12,665	1,832	40,446	12 Goats 180 Sheep	203
May.....	13,748	1,854	37,270	28 Goats 15 Sheep	148
June.....	12,624	2,330	30,531	29 Goats 55 Sheep	98
TOTALS.....	159,330	63,979	487,128	196 Goats 510 Sheep	2,343

INTERSTATE SHIPMENTS JULY, 1961—JUNE, 1962

MONTH	Cattle	Swine	Horses	Dogs
IMPORTS				
July.....	7,666	1,947	125	243
August.....	8,041	3,003	206	214
September.....	7,049	2,614	249	388
October.....	7,240	2,854	489	260
November.....	5,499	2,087	2,287	409
December.....	3,515	4,158	1,537	440
January.....	4,543	5,261	306	307
February.....	4,713	6,495	293	332
March.....	3,791	5,057	321	245
April.....	3,689	2,198	219	238
May.....	4,997	610	114	183
June.....	6,273	590	227	209
TOTALS.....	67,016	36,844	6,373	3,468
EXPORTS				
July.....				13,899
August.....				20,516
September.....				24,302
October.....				17,209
November.....				9,647
December.....				6,620
January.....				4,406
February.....				3,280
March.....				8,131
April.....				8,695
May.....				15,322
June.....				9,296
TOTAL.....				141,323

COMMODITY REPORT
REPRESENTING NUMBER OF UNITS AND APPROXIMATE PRICE OBTAINED FOR COMMODITIES
SOLD DURING THE BIENNIUM, 1960-62

<i>Fruit and Vegetable Markets</i>	FISCAL YEAR 1960-61		FISCAL YEAR 1961-62		TOTAL FOR BIENNIUM	
	<i>Number Units</i>	<i>Gross Sales</i>	<i>Number Units</i>	<i>Gross Sales</i>	<i>Number Units</i>	<i>Gross Sales</i>
Bonifay.....	151,931	\$ 130,417.16	233,211	\$ 194,755.80	385,142	\$ 325,172.96
Brooker.....	37,064	60,793.84	21,035	38,799.72	58,099	99,593.56
Florida City—Florida Products.....	952,223	3,774,087.65	1,548,350	6,328,606.75	2,500,573	10,102,694.40
Florida City—Out-of-State Products.....			5,368	38,958.00	5,368	38,958.00
Fort Myers.....	864,647	3,297,489.52	1,083,233	4,123,100.67	1,947,880	7,420,590.19
Fort Myers Team Track.....	193,111	275,737.58	78,489	161,343.00	271,600	437,080.58
Fort Pierce.....	1,432,869	4,602,201.87	1,696,897	4,512,303.45	3,129,766	9,114,505.32
Gadsden County (Quincy).....	55,881	228,704.82	67,419	171,095.00	123,300	399,799.82
Immokalee—Florida Products.....	236,276	757,723.78	483,481	1,583,782.51	719,757	2,341,506.29
Immokalee—Out-of-State Products.....			70	135.80	70	135.80
Jay (Peanuts only).....	238	47,600.00	147	33,075.00	385	80,675.00
Pahokee.....	1,384,121	3,568,156.50	1,785,535	4,385,878.25	3,169,656	7,954,034.75
Palatka.....	458,097	1,114,189.93	1,673,646	1,625,268.15	2,131,743	2,739,458.08
Plant City.....	985,934	2,762,205.05	519,681	1,696,242.64	1,505,615	4,458,447.69
Plant City—Processed Products.....	38,292	239,354.24	26,470	137,644.00	64,762	376,998.24
Pompano.....	6,054,141	18,998,036.40	6,351,148	20,808,216.90	12,405,289	39,806,253.30
Sanford—Florida Products.....	2,270,108	4,520,723.76	2,390,346	5,718,967.98	4,660,454	10,239,691.74
Sanford—Out-of-State Products.....	71,286	249,435.87	109,328	348,700.55	180,614	598,136.42
Starke.....	65,762	197,752.00	109,939	384,608.76	175,701	582,360.76
Wauchula.....	309,587	715,854.00	287,370	746,513.80	596,957	1,462,367.80
Total Fruit and Vegetable Markets.....	15,561,568	\$45,540,463.97	18,471,163	\$53,037,996.73	34,032,731	\$98,578,460.70
Generally a Unit is a bushel.						

COMMODITY REPORT
REPRESENTING NUMBER OF UNITS AND APPROXIMATE PRICE OBTAINED FOR COMMODITIES
SOLD DURING THE BIENNIUM, 1960-62

<i>Livestock Markets</i>	FISCAL YEAR 1960-61		FISCAL YEAR 1961-62		TOTAL FOR BIENNIUM	
	<i>Number Units</i>	<i>Gross Sales</i>	<i>Number Units</i>	<i>Gross Sales</i>	<i>Number Units</i>	<i>Gross Sales</i>
	cwt					
Arcadia.....	79,534	\$ 1,384,852.43	96,189	\$ 1,805,088.26	175,723	\$ 3,189,940.69
Bonifay.....	26,391	449,428.59	19,390	340,514.45	45,781	789,943.04
DeFuniak Springs.....	13,255	214,366.37	12,180	207,703.01	25,435	422,069.38
Jay.....	50,777	869,158.33	48,050	867,636.60	98,827	1,736,794.93
TOTAL—Livestock Markets.....	169,957	\$ 2,917,805.72	175,809	\$ 3,220,942.32	345,766	\$ 6,138,748.04
TOTAL—Fruit and Vegetable and Livestock.....	15,731,525	\$48,458,269.69	18,646,972	\$56,258,939.05	34,378,497	\$104,717,208.74

PRODUCTS COMMERCIALLY WEIGHED ON STATE SCALES; NO PACKAGE FEES COLLECTED

	<i>Number Units</i>	<i>Estimated Value</i>	<i>Number Units</i>	<i>Estimated Value</i>	<i>Total Units</i>	<i>Total Estimated Value</i>
All Scales.....	4,582,267	\$16,635,342.47	4,533,085	\$29,375,168.73	9,115,352	\$46,010,511.20
Hurricane Donna 1960-61—Non-Operating—Total Amount All Markets \$82,279.98. Replacement						

LIVESTOCK AND CROPS PAVILIONS
ESTIMATED VALUES AND SERVICES RENDERED
1960-1962 BIENNIUM TOTAL

The Estimated Value of Animals Shown Includes the Number and Value of Those Sold, 1961-1962

	<i>Number Shown</i>	<i>Estimated Value</i>	<i>Number Sold</i>	<i>Gross Sales</i>	<i>Total Value</i>	<i>Meetings and Shows</i>	<i>Total Attendance</i>
1960-61.....	3,432	\$ 778,608.33	1,408	\$ 305,638.16	\$1,038,138.16	473	134,921
1961-62.....	4,537	1,443,004.72	1,656	475,318.72	1,443,004.72	507	161,304
TOTALS 1960-62.....	7,969	\$2,221,613.05	3,064	\$ 780,956.88	\$2,481,142.88	980	296,225

BIENNIUM PREMIUM MONEYS FOR FAIRS, SHOWS, AND EXPOSITIONS

<i>Type of Show</i>	<i>YEAR 1960-61</i>		<i>YEAR 1961-62</i>		<i>TOTAL FOR BIENNIUM</i>	
	<i>Number Shows</i>	<i>Dollars Spent</i>	<i>Number Shows</i>	<i>Dollars Spent</i>	<i>Number Shows</i>	<i>Dollars Spent</i>
State-wide and District 4-H.....	30	\$ 6,595.00	30	\$ 7,221.50	60	\$13,816.50
State-wide and District FFA and NFA and FHA.....	36	6,450.00	33	6,200.00	69	12,650.00
State-wide and District Purebred Shows and Crops.....	28	19,050.00	31	20,700.00	59	39,750.00
County Level.....	46	9,600.00	39	8,275.00	85	17,875.00
TOTALS.....	140	\$41,695.00*	133	\$42,396.50	273	\$84,091.50

* Net amount spent after refunds.

**ANALYSIS OF BIENNIAL REPORT, FLORIDA STATE FARMERS'
MARKETS, A SECTION OF THE DIVISION OF MARKETING,
STATE DEPARTMENT OF AGRICULTURE—
JULY 1, 1960, THROUGH JUNE 30, 1962**

<i>The 14 Fruit and Vegetable Markets</i>	<i>1960-61</i>	<i>1961-62</i>
Units handled.....	15,561,568	18,471,163
Per cent increase in units, year 1962 over 1961.....		18.7%
Gross sales.....	\$45,540,463.97	\$53,037,996.73
Per cent increase in sales, year 1962 over 1961.....		16.46%
Average price.....	\$2.9265	\$2.8714
The 1962 average price was 98.12% of the 1961 average price.		
<i>The 4 Livestock Markets</i>	<i>1960-61</i>	<i>1961-62</i>
Units handled.....	169,975	175,809
Per cent increase in units, year 1962 over 1961.....		3.44%
Gross sales.....	\$2,917,805.72	\$3,220,942.32
Per cent increase in sales, year 1962 over 1961.....		10.39%
Average Unit Price Livestock.....	\$17.168	\$18.321
Increase, unit price, year 1962 over 1961.....		6.716%
Increase in per cent of units handled, Fruit and Vegetable and Livestock, year 1962 over 1961.....		18.53%
Increase in per cent of gross sales, Fruit and Vegetable and Livestock, year 1962 over 1961..		16.1%
Produce weighed over State scales showed increase, year 1962 over 1961 of.....		76.57%
Livestock and Crops Pavilion showed increase in livestock of.....		32.2%
Livestock and Crops Pavilion showed increase in value, year 1962 over 1961 of.....		3.9%
Various meetings held in Pavilions showed increase in 1962 over 1961 of.....		7.4%
Attendance at meetings showed increase, year 1962 over 1961 of.....		19.55%
Livestock and Crops Pavilion—for the biennium—number of <i>shows</i> held.....		273
Average State premium money spent per show.....		\$308.67
Number of <i>meetings</i> for the biennium was.....		980
Attendance at meetings was.....		296,225
<i>Year 1961-62—Gross Sales or Equivalent Value</i>		
Fruits and Vegetables.....		\$53,037,996.73
Livestock Auctions.....		3,220,942.32
Products weighed on State Scales.....		29,375,168.73
Estimated values of Livestock and Crops and shows, 9 pavilions.....		1,443,004.72
		\$87,077,112.50

**FLORIDA DEPARTMENT OF AGRICULTURE
DIVISION OF STANDARDS**

SCALES TESTED JULY 1, 1960, to JUNE 30, 1961

County	Total Tests		Number in Compliance with Law		Number of Correction Notices Issued		Number Condemned		Percent in Error
	Small	Large	Small	Large	Small	Large	Small	Large	
Alachua.....	917	248	826	223	70	24	21	1	10.0
Baker.....	122	18	113	18	7		2		6.4
Bay.....	940	99	854	91	75	7	11	1	9.0
Bradford.....	188	34	173	34	9		6		6.8
Brevard.....	839	134	767	112	59	11	13	11	9.7
Broward.....	1,813	500	1,585	430	198	51	30	19	12.9
Calhoun.....	189	24	181	21	8	3			5.2
Charlotte.....	130	31	119	30	7		4	1	7.5
Citrus.....	101	30	87	30	11		3		10.7
Clay.....	214	42	195	35	14	7	5		10.2
Collier.....	132	43	113	36	1	4	3	3	14.9
Columbia.....	491	72	452	65	28	5	11	2	8.2
Dade.....	6,551	1,902	5,552	1,641	818	212	181	49	14.9
De Soto.....	114	85	110	77	4	3		5	6.0
Dixie.....	148	25	139	22	8	2		1	6.9
Duval.....	3,045	242	2,758	208	240	31	47	3	9.8
Escambia.....	2,149	511	1,977	447	159	45	13	19	8.9
Flagler.....	87	103	83	95	2	6	2	2	6.3
Franklin.....	201	52	185	46	16	2		4	8.7
Gadsden.....	564	192	496	162	55	23	13	7	13.0
Gilchrist.....	95	15	92	15	3				2.7
Glades.....	23	24	21	20	1				12.8
Gulf.....	235	29	223	20	8	4		3	8.0
Hamilton.....	164	30	155	28	7	2	2		5.8
Hardee.....	195	104	191	100	2	2	2		2.7
Hendry.....	62	66	56	54	5	5	1	7	14.1
Hernando.....	161	39	151	33	5	4	5	2	8.0
Highlands.....	292	126	280	119	11	3	1		4.5
Hillsborough.....	3,705	1,094	3,312	1,028	248	50	145	16	9.6
Holmes.....	258	21	240	18	18	3			7.5
Indian River.....	343	50	313	50	21		9		7.6
Jackson.....	621	191	547	175	62	13	12	3	11.1
Jefferson.....	269	36	247	33	17	1	5	2	8.2
Lafayette.....	75	15	70	13	5	1		1	7.8
Lake.....	404	153	368	132	31	20	5	1	10.2
Lee.....	150	128	130	124	10	3	10	1	8.6
Leon.....	1,002	169	902	155	86	11	14	3	9.7
Levy.....	136	42	124	40	8	2	4		7.9
Liberty.....	54	10	52	8	1	2	1		6.3
Madison.....	347	43	313	35	26	8	8		10.8
Manatee.....	822	125	742	118	60	2	20	5	9.2
Marion.....	673	170	614	151	43	19	16		9.3
Martin.....	250	48	222	46	20	1	8	1	10.1
Monroe.....	471	83	406	72	62	5	3	6	13.7
Nassau.....	252	40	235	35	14	5	3		7.5
Okaloosa.....	642	78	601	71	35	3	6	4	6.7
Okeechobee.....	84	58	80	52	4	4		2	7.0
Orange.....	2,959	552	2,597	478	189	70	173	4	12.4
Osceola.....	295	66	271	59	19	7	5		8.6
Palm Beach.....	2,441	495	2,242	410	162	62	37	23	9.7
Pasco.....	476	103	435	87	31	15	10	1	9.8
Pinellas.....	2,335	606	2,110	579	188	20	37	7	8.6
Polk.....	1,764	558	1,617	456	123	99	24	3	10.7
Putnam.....	344	191	306	181	31	7	7	3	9.0
St. Johns.....	395	551	373	524	18	11	4	16	5.2
St. Lucie.....	431	89	388	86	35	2	8	1	8.8
Santa Rosa.....	353	111	326	101	23	7	4	3	8.0
Sarasota.....	730	121	605	118	49	1	16	2	8.0
Seminole.....	572	138	506	103	53	34	13	1	14.2
Sumter.....	102	40	98	36	4	3		1	5.6
Suwannee.....	377	75	338	67	29	6	10	2	10.4
Taylor.....	275	29	257	27	16	1	2	1	6.6
Union.....	60	34	58	30	2	3		1	6.4
Volusia.....	1,592	203	1,443	168	113	26	36	9	10.3
Wakulla.....	202	15	178	15	22		2		11.1
Walton.....	295	59	270	54	22	3	3	2	8.5
Washington.....	252	37	237	33	13	2	2	2	6.6
TOTALS.....	46,970	11,447	42,167	10,180	3,759	994	1,044	273	
GRAND TOTALS.....	58,417		52,347		4,753		1,317		10.4

FLORIDA DEPARTMENT OF AGRICULTURE DIVISION OF STANDARDS

SCALES TESTED JULY 1, 1961, to JUNE 30, 1962

County	Total Tests		Number in Compliance with Law		Number of Correction Notices Issued		Number Condemned		Percent in Error
	Small	Large	Small	Large	Small	Large	Small	Large	
Alachua.....	1,150	266	1,008	232	125	23	17	11	12.4
Baker.....	122	17	108	17	12	.....	2	.....	10.1
Bay.....	900	208	827	180	63	20	10	8	9.1
Bradford.....	189	29	165	29	20	.....	4	.....	11.0
Brevard.....	817	119	756	106	55	11	6	2	7.9
Broward.....	3,027	489	2,673	428	288	50	66	11	11.8
Calhoun.....	194	22	180	20	14	2	.....	.....	7.4
Charlotte.....	151	69	134	68	14	1	3	.....	8.2
Citrus.....	172	33	160	24	11	6	1	3	10.2
Clay.....	217	30	207	27	9	2	1	1	5.3
Collier.....	136	42	107	41	23	1	6	.....	16.9
Columbia.....	353	77	325	73	20	2	8	2	7.4
Dade.....	6,484	1,834	5,768	1,603	625	195	91	36	11.4
De Soto.....	130	44	122	43	5	.....	3	1	5.2
Dixie.....	97	21	93	19	4	1	.....	1	5.1
Duval.....	3,070	300	2,732	258	300	38	38	4	11.3
Escambia.....	2,546	402	2,370	301	160	84	16	17	9.4
Flagler.....	68	112	68	102	.....	7	.....	3	5.6
Franklin.....	133	49	123	44	8	2	2	3	8.2
Gadsden.....	825	184	760	154	54	23	11	7	9.4
Gilchrist.....	64	5	60	4	4	.....	.....	1	7.2
Glades.....	29	38	26	36	2	.....	1	2	7.5
Gulf.....	147	21	137	18	10	3	.....	.....	7.7
Hamilton.....	119	38	112	35	4	2	3	1	6.4
Hardee.....	197	60	191	54	3	3	3	3	4.7
Hendry.....	54	105	50	95	4	4	.....	6	8.8
Hernando.....	64	29	60	29	2	.....	2	.....	4.3
Highlands.....	382	85	354	80	22	4	6	1	7.1
Hillsborough.....	3,223	1,098	2,997	999	168	65	58	34	7.5
Holmes.....	250	18	233	14	15	2	2	2	7.8
Indian River.....	316	112	298	102	11	7	7	3	6.5
Jackson.....	621	184	563	164	50	14	8	6	9.7
Jefferson.....	174	49	166	46	6	2	2	1	4.9
Lafayette.....	50	7	50	6	.....	1	.....	.....	1.8
Lake.....	801	146	731	123	65	23	5	.....	9.8
Lee.....	377	253	311	249	50	.....	16	4	11.1
Leon.....	1,016	196	910	168	78	21	28	7	11.1
Levy.....	266	45	243	42	21	1	2	2	8.4
Liberty.....	50	12	45	11	4	.....	1	1	9.7
Madison.....	248	52	231	46	16	6	1	.....	7.7
Manatee.....	611	154	572	144	26	4	13	6	6.4
Marion.....	486	159	458	146	25	11	3	2	6.4
Martin.....	242	107	228	98	10	6	4	3	6.6
Monroe.....	400	76	351	68	37	8	12	.....	12.0
Nassau.....	266	57	249	46	16	10	1	1	8.7
Okaloosa.....	661	116	629	93	30	17	2	6	7.1
Okeechobee.....	82	101	79	90	3	8	.....	3	7.7
Orange.....	2,504	557	2,278	457	149	88	77	12	10.7
Osceola.....	172	65	161	57	10	8	1	.....	8.0
Palm Beach.....	2,797	518	2,556	442	195	64	46	12	9.6
Pasco.....	220	97	209	85	11	8	.....	4	7.3
Pinellas.....	2,001	472	1,894	430	90	27	17	15	6.0
Polk.....	1,920	565	1,782	441	117	105	21	19	10.5
Putnam.....	546	230	498	199	41	21	7	10	10.2
St. Johns.....	615	581	575	553	27	10	13	18	5.7
St. Lucie.....	442	177	404	165	32	9	6	3	8.1
Santa Rosa.....	378	62	352	52	24	9	2	1	8.2
Sarasota.....	503	229	468	213	23	8	12	8	7.0
Seminole.....	304	114	265	86	34	25	5	3	16.0
Sumter.....	212	42	202	33	4	4	6	5	7.5
Suwannee.....	251	90	227	77	16	8	8	5	10.9
Taylor.....	209	29	198	25	9	2	2	2	6.3
Union.....	68	30	61	27	5	1	2	2	10.2
Volusia.....	948	201	851	172	78	22	19	7	11.0
Wakulla.....	133	23	124	22	9	1	.....	.....	6.4
Walton.....	282	35	261	35	19	.....	2	.....	6.6
Washington.....	248	33	231	27	15	2	2	4	8.2
TOTALS.....	46,730	11,820	42,617	10,373	3,400	1,112	713	335	
GRAND TOTALS.....	58,550		52,990		4,512		1,048		9.5

DISPOSITION OF FLORIDA GRAPEFRUIT, MURCOTTS, ORANGES, TANGELOS AND TANGERINES

AUGUST 1, 1961, through JULY 31, 1962

TYPE OF FRUIT	CERTIFIED FRESH FRUIT SHIPMENTS										CANNERY COMMER- CIAL		EXPRESS SHIPMENTS **		INTER- STATE BY- PROD- UCTS**	INTRA- STATE NON- COMMER- CIAL**		TOTALS (ALL)	
	INTERSTATE		INTRASTATE				*EXPORT		TOTALS										
			East of Suwannee		West of Suwannee														
	Boxes	%	Boxes	%	Boxes	%	Boxes	%	Boxes	%	Boxes	%	Boxes	%	Boxes	Boxes	%	Boxes	% of Crop
GRAPEFRUIT																			
Seeded.....	1,195,210	11	64,178	1	182	....	3,613	....	1,263,183	12	8,949,965	81	113,300	1	3,385	650,000	6	10,979,833	7.19
Pink Seeded.....	42,938	96	1,616	4	20	.....			44,574	100								44,574	.03
Seedless.....	7,388,644	45	326,465	2	329	....	363,995	2	8,079,433	49	7,681,367	46	108,800	1		650,000	4	16,519,600	10.82
Pink Seedless.....	6,360,463	90	108,956	2	372	....	93,181	1	6,562,972	93			77,800	1		400,000	6	7,040,772	4.61
Totals.....	14,987,255	44	501,215	1	903	....	460,789	1	15,950,162	46	16,631,332	48	299,900	1	3,385	1,700,000	5	34,584,779	22.65
MURCOTTS	125,820	99	931	1					126,751	100								126,751	.08
TANGELOS	551,540	55	4,478	1	822	....	951	....	557,291	56	285,505	29	3,700			153,504	15	1,000,000	.66
ORANGES																			
Early.....	3,255,372		103,336		1,470		27,813		3,387,991										
Mid-Season.....	3,036,403	14	95,619	1	734	....	35,983	....	3,168,739	15	45,032,381	79	596,500	1	45,200	2,750,000	5	56,862,438	37.25
Temple.....	1,817,184		63,354		238	....	771	....	1,881,547										
Late.....	6,852,056	12	195,199	....	757	....	252,932	1	7,300,944	13	46,513,127	83	230,900	1	49,258	2,000,000	3	56,094,229	36.74
Totals.....	15,638,375	14	462,917	....	3,521	....	318,450	....	16,423,263	14	91,831,013	80	831,100	1	94,538	4,903,504	5	114,083,418	74.73
TANGERINES	2,341,080	59	68,304	1	165	....	422	....	2,409,971	60	1,235,373	31	20,800	1		333,856	8	4,000,000	2.62
TOTALS (ALL)	32,966,710	22	1,032,436	1	4,589	....	779,661	....	34,783,396	23	109,697,718	72	1,151,800	1	97,923	6,937,360	4	152,668,197	.....

* Certified commercial and government export shipments.

** Indicated figures and permission to their use given by Growers Administrative Committee, Florida Citrus Commission and Federal-State Market News Service.

Express shipments and intrastate non-commercial estimated.

Percentage derived from TOTALS column on extreme right; and percentages not listed are less than one per cent.

DISPOSITION OF FLORIDA GRAPEFRUIT, MURCOTTS, ORANGES, TANGELOS AND TANGERINES
AUGUST 1, 1960, through JULY 31, 1961

TYPE OF FRUIT	CERTIFIED FRESH FRUIT SHIPMENTS										CANNERY COMMER- CIAL†		EXPRESS SHIPMENTS **		INTER- STATE BY- PROD- UCTS**	INTRA- STATE NON- COMMER- CIAL**		TOTALS (ALL)	
	INTERSTATE		INTRASTATE				*EXPORT		TOTALS										
			East of Suwannee		West of Suwannee														
	Boxes	%	Boxes	%	Boxes	%	Boxes	%	Boxes	%	Boxes	%	Boxes	%	Boxes	Boxes	%	Boxes	% of Crop
GRAPEFRUIT																			
Seeded.....	1,540,319	12	73,582	1	189	5,151	1,619,241	13	9,888,175	80	189,100	2	4,248	650,000	5	12,350,764	9.98		
Pink Seeded.....	37,989	85	4,909	11	5	1,534	44,437	100								44,437	.04		
Seedless.....	6,242,331	47	296,981	2	149	196,723	6,736,184	50	5,824,709	44	176,900	1		650,000	5	13,387,793	10.81		
Pink Seedless.....	5,181,204	89	80,831	1	474	52,822	5,315,331	91			118,000	2		400,000	7	5,833,331	4.71		
Totals.....	13,001,843	41	456,303	1	817	256,230	13,715,193	43	15,712,884	50	484,000	2	4,248	1,700,000	5	31,616,325	25.24		
MURCOTTS.....	100,544	99	488	1	6		101,038	100								101,038	.08		
TANGELOS.....	305,182	61	2,893	1	170		308,245	62	94,419	19	12,000	2		85,336	17	500,000	.40		
ORANGES																			
Early.....	2,760,692		75,640		1,557	24,929	2,862,818												
Mid-Season.....	2,161,054	13	86,615	1	787	14,128	2,262,584	14	40,184,122	78	934,750	2	56,813	2,828,338	6	50,991,856	41.19		
Temple.....	1,795,132		65,474		359	1,466	1,862,431												
Late.....	4,028,411	11	163,844	1	323	80,602	4,273,180	12	29,235,383	82	417,000	1	30,759	1,800,000	5	35,756,322	28.88		
Totals.....	11,151,015	13	394,954		3,202	121,125	11,670,296	13	69,513,924	80	1,363,750	2	87,572	4,713,674	5	87,349,216	70.55		
TANGERINES.....	2,854,732	59	69,887	1	93	24	2,924,946	60	1,588,158	33	26,100	1		300,000	6	4,839,204	3.91		
TOTALS (ALL)....	27,007,590	22	921,144	1	4,112	377,589	28,310,435	23	86,814,966	70	1,873,850	2	91,820	6,713,674	5	123,804,745			

† Includes 100,522 boxes Oranges imported from Cuba; and 81 boxes Grapefruit and 75,233 boxes Oranges from Texas.

* Certified commercial and government export shipments.

** Indicated figures and permission to their use given by Growers Administrative Committee, Florida Citrus Commission and Federal-State Market News Service.
Express shipments and intrastate non-commercial estimated.

Percentage derived from TOTALS column on extreme right; and percentages not listed are less than one per cent.

CERTIFIED VEGETABLES, NUTS, AVOCADOS, AND MELONS
(Reported by Vegetable Section)
CARLOT EQUIVALENTS—FISCAL YEAR ENDING JUNE 30, 1961

<i>Commodity</i>	<i>Type Container</i>	<i>Number Packages</i>	<i>Equivalent Carlots</i>
Avocados.....	Pounds.....	10,956,340	469
Beans.....	Bushels.....	40,319	59
Cabbage.....	Bags.....	269,552	501
	Crates.....	925,643	1,762
Cantaloups.....	Crates.....	20	.....
Carrots.....	Bushels.....	1,611	2
Cauliflower.....	1½ Bushels.....	11,087	19
Celery.....	Crates.....	4,878,136	8,680
Celery Cabbage.....	Bushels.....	2,520	6
Chicory.....	Bushels.....	200	.....
Chinese Cabbage.....	Crates.....	100	.....
Corn.....	Crates.....	3,496,411	5,339
Cucumbers.....	Bushels.....	319,843	534
Eggplant.....	Bushels.....	17,934	37
Endive.....	Bushels.....	4,156	7
Escarole.....	Bushels.....	3,848	6
Lettuce.....	L.A. Crates.....	2,182	5
Limes.....	Bushels.....	255,358	302
Parsley.....	Bushels.....	5,481	8
Peaches.....	Bushels.....	4,508	11
Peanuts—Shelled.....	Pounds.....	49,558,437	984
F.S.—Commercial.....	Tons.....	19,178.87	1,599
F.S.—C.C.C.....	Tons.....	4,781.71	398
F.S.—Regrades.....	Tons.....	31,241.41	2,604
F.S.—Outgrades.....	Tons.....	5,208.49	435
Peppers.....	Bushels.....	161,293	233
Potatoes.....	100-lb. Bags.....	2,321,279	4,672
Radishes.....	Bushels.....	23,009	38
Romaine.....	1-1/9 Bushels.....	1,736	.....
Squash.....	Bushels.....	25,379	61
Strawberries.....	24-pint Crates.....	22,082	38
Tomatoes.....	Bushels.....	4,955,535	8,960
Watermelons.....	Melons.....	4,227,128	3,253
*Imported—			
Mixed Vegetables.....	Packages.....	361,906	716
Imported Grapefruit.....	1-3/5 Bushels.....	28,960	55
Imported Oranges.....	1-3/5 Bushels.....	17,314	33
TOTAL.....			41,826

* Includes arums, plantains, Chinese pumpkins, etc.

CERTIFIED VEGETABLES, NUTS, AVOCADOS, AND MELONS
(Reported by Vegetable Section)
CARLOT EQUIVALENTS—FISCAL YEAR ENDING JUNE 30, 1962

<i>Commodity</i>	<i>Type Container</i>	<i>Number Packages</i>	<i>Equivalent Carlots</i>
Avocados.....	Pounds.....	12,584,864	539
Beans.....	Bushels.....	39,835	62
Beets.....	Crates.....	10	.....
Broccoli.....	Bushels.....	30	.....
Cabbage.....	Bags.....	232,571	395
Cabbage.....	Crates.....	1,017,001	1,858
Carrots.....	Bushels.....	56,300	95
Cauliflower.....	1¼ Bushels.....	27,600	48
Celery.....	Crates.....	5,347,770	8,490
Celery Cabbage.....	Bushels.....	45	.....
Chicory.....	Bushels.....	1,766	2
Chinese Cabbage.....	Bushels.....	432	1
Corn.....	Crates.....	5,527,170	8,212
Corn.....	Bags.....	9	.....
Cucumbers.....	Bushels.....	214,019	335
Eggplant.....	Bushels.....	23,403	46
Endive.....	Bushels.....	7,227	11
Escarole.....	Bushels.....	6,008	9
Lettuce.....	L.A. Crates.....	4,820	14
Limes.....	Bushels.....	336,332	400
Onions.....	50-lb. Bags.....	10,400	18
Parsley.....	Bushels.....	8,436	14
Peaches.....	Bushels.....	1,591	4
Peanuts—			
Shelled.....	Pounds.....	46,038,550	912
F.S.—Commercial.....	Tons.....	19,898.24	1,658
F.S.—C.C.C.....	Tons.....	4,587.32	382
F.S.—Regrades.....	Tons.....	31,575.74	2,633
F.S.—Outgrades.....	Tons.....	5,302.28	440
Peppers.....	Bushels.....	152,958	190
Potatoes.....	100-lb. Bags.....	1,392,158	2,779
Radishes.....	Bushels.....	25,979	43
Romaine.....	1-1/9 Bushels.....	2,499	4
Strawberries.....	24-pint Crates.....	36,879	64
Squash.....	Bushels.....	24,323	58
Tomatoes.....	Bushels.....	5,478,296	8,922
Topped Turnips.....	Bushels.....	872	2
Watermelons.....	Melons.....	4,028,331	2,967
*Imported—			
Mixed Vegetables.....	Packages.....	5,044	10
Grapefruit (Condition Inspected).....	Standard Box.....	24,606	47
TOTAL.....			41,850

* Includes arums, plantains, Chinese pumpkins, etc.

SUMMARY

REPORT OF CITRUS BOND AND LICENSE DIVISION, 1960-1961

865 Dealers posted Surety Bonds amounting to.....	\$7,937,140.00
3 Dealers posted Cash Bonds amounting to.....	8,000.00

Total amount of Citrus Fruit Dealer's Bonds..... \$7,945,140.00

615 Licenses issued to Non-Bonded Express and Gift Fruit Shippers.

133 Dealers "Advertising as Bonded Shipper" posted Performance Bonds in accordance with Chapter 57-4.

132 bonds at \$1,000.00 each

1 bond at \$2,000.00

85 Certificates as provided by F.C.C. Regulation No. 31, Sec. 3, issued on request to Dealers posting Performance Bonds.

All Citrus Fruit Dealer's Licenses issued..... 1,480

Manufacturers Licenses issued..... 22

Citrus Packing Houses registered..... 214

Canning and/or Concentrating Plants registered..... 57

COMPLAINTS

1958-1959 Season

Complaints disposed of.....	1
Complaints pending.....	0
Amount paid to Claimant by Dealer.....	\$ 5,023.75

1959-1960 Season

Complaints disposed of.....	49
Complaints pending.....	0
Amount paid to Claimants by Dealers.....	\$ 21,506.06
Amount paid to Claimants by Bonding Companies.....	\$ 35,809.90

1960-1961 Season

Complaints disposed of.....	20
Complaints pending.....	54
Amount paid to Claimants by Dealers.....	\$ 15,489.20
Revocation of License Proceedings.....	3
Administrative Hearings.....	12
Orders entered by Commissioner of Agriculture.....	20
Licenses revoked by Order of the Commissioner.....	10
Complaints filed by out-of-state purchasers against Express Fruit Shippers.....	5
Amount paid to Claimants by Express Fruit Shippers.....	\$ 57.54

SUMMARY

REPORT OF CITRUS BOND AND LICENSE SECTION 1961-1962

811 Dealers posted Surety Bonds amounting to.....	\$11,030,000.00
5 Dealers posted Cash Bonds amounting to.....	14,000.00
Total amount of Citrus Fruit Dealers' Bonds.....	\$11,044,000.00
Registered Shippers and/or Canners posted Inspection Fee	
Guarantee Bonds amounting to.....	374,518.55
102 Dealers "Advertising as Bonded Shipper" posted Performance	
Bonds in accordance with Chapter 57-4—at \$1,000 each...	102,000.00
Total of all bonds posted.....	\$11,520,518.55
35 Licenses issued to "Bond-Exempt" Dealers.	
673 Licenses issued to "Non-Bonded" Express and Gift Fruit	
Shippers.	
70 Certificates, as provided by F.C.C. Regulation No. 31, Sec. 3,	
issued on request to Dealers posting Performance Bonds.	
All Citrus Fruit Dealer's Licenses issued.....	1,523
Manufacturers Licenses issued.....	20
Citrus Packing Houses registered.....	207
Canning and/or Concentrate Plants registered.....	60

COMPLAINTS

1960-1961 Season

Complaints disposed of.....	106
Complaints pending.....	5
Amount paid to Claimants by Dealers.....	\$ 21,622.78
Amount paid to Claimants by Bonding Companies.....	\$ 138,968.34

1961-1962 Season

Complaints disposed of.....	12
Complaints pending.....	41
Amount paid to Claimants by Dealers.....	\$ 6,241.82
Revocation of License Proceedings.....	3
Administrative Hearings.....	15
Orders entered by Commissioner of Agriculture.....	54
Licenses revoked by Order of Commissioner.....	12
Licenses Suspended by Order of Commissioner.....	2
Licenses Cancelled by Commissioner.....	9
Complaints filed by out-of-state Purchasers against Express Fruit	
Shippers.....	6
Amount paid to Claimants by Express Fruit Shippers.....	\$ 46.30

REPORT OF DAIRY PRODUCTS FROM OTHER STATES

Alex G. Shaw, Chief Dairy Supervisor, Dairy Division
State Department of Agriculture, Gainesville, Florida
JULY 1, 1960, to JUNE 30, 1962

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<i>State of Production</i>	<i>Fluid Milk</i>	<i>40% Cream</i>	<i>Condensed Milk</i>	<i>Cottage Cheese</i>	<i>Sour Cream</i>	<i>Skim Milk Powder</i>	<i>Frozen Desserts</i>	<i>Desserts Mix</i>	<i>Yogurt</i>
	(Gals.)	(Gals.)	(Gals.)	(Pounds)	(Gals.)				(Gals.)
Alabama.....	8,873,661	5,000							
Arkansas.....	1,316,868								
Connecticut.....				448,186					
Georgia.....	1,606,303	4,404							
Illinois.....				11,277,743					
Indiana.....	584,729								
Kentucky.....				320,151					
Louisiana.....		66,129	2,448						
Minnesota.....	92,410	6,250	3,420						
Mississippi.....	18,779	20,747	12,536						
Missouri.....		870,281	230,262	3,505,184	30,840				
New York.....				5,713,694	479,034				174,676
North Carolina.....	738,022								
Pennsylvania.....		46,186		123,461					
Tennessee.....	205,944	1,074,870	1,700,647	9,851,629	76,425				
Virginia.....	1,170,177	486,654	442,387						
Wisconsin.....	502,233	279,968	241,778	3,998,409					
GRAND TOTAL..	15,109,126	2,860,489	2,633,478	35,238,457	586,299				174,676

TABULATION OF WHOLESALE MEASURING DEVICES TESTED FOR ACCURACY OF MEASUREMENT

JULY 1, 1960, through JUNE 30, 1961

COUNTY WORKED	VEHICLE TANK CALIBRATIONS				METER CALIBRATIONS			
	Total	Not calibrated and correction notice issued	TANK COMPARTMENTS		Found within tolerance	Found not within tolerance and corrected	Not calibrated and correction notice issued	Total
			Found within tolerance	Found not within tolerance and corrected				
Alachua.....	24	.....	99	.....	44	21	.....	65
Baker.....	5	.....	24	.....	8	7	1	16
Bay.....	32	.....	110	.....	57	27	1	85
Bradford.....	7	.....	30	.....	8	5	.....	13
Brevard.....	25	.....	109	1	54	23	1	78
Broward.....	12	.....	37	56	395	195	.....	590
Calhoun.....	.....	.....	.....	.....	2	1	.....	3
Charlotte.....	9	.....	43	.....	4	3	.....	7
Citrus.....	7	.....	33	.....	4	3	.....	7
Clay.....	5	.....	21	.....	13	6	.....	19
Collier.....	3	.....	15	.....	4	.....	.....	4
Columbia.....	15	.....	70	.....	23	15	.....	38
Dade.....	2	.....	2	.....	36	152	.....	188
De Soto.....	8	.....	33	.....	7	.....	.....	7
Dixie.....	3	.....	10	.....	5	2	.....	7
Duval.....	196	.....	598	14	519	299	21	839
Escambia.....	3	.....	10	1	.....	.....	.....	.....
Flagler.....	4	.....	17	.....	3	3	.....	6
Franklin.....	.....	.....	.....	.....	6	5	.....	11
Gadsden.....	2	.....	12	.....	17	4	.....	21
Gilchrist.....	4	.....	19	.....	4	.....	.....	4
Glades.....	.....	.....	.....	.....	.....	1	.....	1
Gulf.....	.....	.....	.....	.....	3	.....	.....	3
Hamilton.....	.....	.....	.....	.....	11	1	.....	12
Hardee.....	10	.....	47	6	14	6	1	21
Hendry.....	.....	.....	.....	.....	1	.....	.....	1
Hernando.....	8	.....	36	.....	6	1	.....	7
Highlands.....	17	.....	79	1	22	9	.....	31
Hillsborough.....	286	2	797	70	429	96	4	529

Holmes.....					4	2		6
Indian River.....					9	3		12
Jackson.....					23	4	5	32
Jefferson.....					15			15
Lafayette.....					5	1		6
Lake.....	24		108		42	5		47
Lee.....	25	1	111	5	25	9		34
Leon.....	60		228	8	42	15		57
Levy.....	17		78		16	1		17
Liberty.....								
Madison.....					21	4		25
Manatee.....	23		104	6	27	15		42
Marion.....	25		105	1	31	13		44
Martin.....	7		4	3		1		1
Monroe.....					7	5		12
Nassau.....	2		11		11	11		22
Okaloosa.....					16	5		21
Okeechobee.....								
Orange.....	68		275	3	124	68	5	197
Osceola.....	18	1	79		27	11		38
Palm Beach.....					62	13		75
Pasco.....	16		78		32	10		42
Pinellas.....	42	12	144	5	262	51		313
Polk.....	83	1	330	8	169	45	1	215
Putnam.....	14		55		19	11		30
St. Johns.....	7		31		23	14	2	39
St. Lucie.....					7	9		16
Santa Rosa.....					5	6		11
Sarasota.....	20		78	5	23	12		35
Seminole.....	27		109		26	17		43
Sumter.....	4		18		5	2		7
Suwannee.....					27	10	2	39
Taylor.....	12		55		10	2		12
Union.....					1			1
Volusia.....	41		181	2	75	29		104
Wakulla.....	4		11	2	24	3		27
Walton.....								
Washington.....					14	4		18
Georgia*.....	30		124		8	3		11
Alabama*.....	6		19					
TOTAL.....	1,262	17	4,568	197	2,936	1,299	44	4,279

* Based out of state but used in Florida.

TABULATION OF WHOLESALE MEASURING DEVICES TESTED FOR ACCURACY OF MEASUREMENT

JULY 1, 1961, through JUNE 30, 1962

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COUNTY WORKED	VEHICLE TANK CALIBRATIONS				METER CALIBRATIONS			
	Total	Not calibrated and correction notice issued	TANK COMPARTMENTS		Found within tolerance	Found not within tolerance and corrected	Not calibrated and correction notice issued	Total
			Found within tolerance	Found not within tolerance and corrected				
Alachua.....	18	.....	91	.....	52	29	.....	81
Baker.....	.....	.....	.....	.....	6	3	.....	9
Bay.....	93	.....	241	.....	88	8	.....	96
Bradford.....	.....	.....	.....	.....	8	5	.....	13
Brevard.....	27	.....	117	21	5	50	.....	55
Broward.....	183	3	566	46	476	144	.....	620
Calhoun.....	5	.....	22	.....	4	1	.....	5
Charlotte.....	.....	.....	.....	.....	6	1	.....	7
Citrus.....	6	.....	30	.....	13	2	.....	15
Clay.....	.....	.....	.....	.....	13	10	.....	23
Collier.....	5	.....	26	.....	6	1	.....	7
Columbia.....	.....	.....	.....	.....	16	6	.....	22
Dade.....	92	3	330	13	15	34	.....	49
De Soto.....	.....	.....	.....	.....	7	.....	.....	7
Dixie.....	3	.....	15	.....	10	6	.....	16
Duval.....	51	.....	133	.....	743	200	12	955
Escambia.....	41	.....	156	.....	42	35	.....	77
Flagler.....	.....	.....	.....	.....	7	.....	.....	7
Franklin.....	3	.....	13	.....	6	4	.....	10
Gadsden.....	17	.....	84	.....	18	2	.....	20
Gilchrist.....	4	.....	19	.....	7	.....	.....	7
Glades.....	2	.....	11	.....	1	.....	.....	1
Gulf.....	3	.....	15	.....	3	.....	.....	3
Hamilton.....	.....	.....	.....	.....	3	2	.....	5
Hardee.....	10	.....	51	.....	.....	10	.....	10
Hendry.....	10	.....	49	.....	1	.....	.....	1
Hernando.....	6	.....	27	.....	12	2	.....	14
Highlands.....	16	.....	76	2	3	15	.....	18
Hillsborough.....	103	2	328	28	461	83	.....	544

Holmes.....	4	.....	20	.....	3	2	.....	5
Indian River.....	11	.....	51	.....	2	10	.....	12
Jackson.....	17	.....	83	.....	2	8	.....	10
Jefferson.....	.....	.....	.....	.....	7	.....	.....	7
Lafayette.....	.....	.....	.....	.....	3	.....	.....	3
Lake.....	14	.....	64	.....	68	25	.....	93
Lee.....	1	.....	6	.....	29	12	.....	41
Leon.....	33	.....	133	4	56	75	1	132
Levy.....	17	.....	43	.....	26	7	.....	33
Liberty.....	1	.....	4	.....	.....	.....	.....	.....
Madison.....	.....	.....	.....	.....	10	2	.....	12
Manatee.....	.....	.....	.....	.....	30	7	.....	37
Marion.....	27	.....	111	.....	44	21	.....	65
Martin.....	9	.....	46	1	6	1	.....	7
Monroe.....	12	.....	54	.....	29	10	.....	39
Nassau.....	.....	.....	.....	.....	13	8	1	22
Okaloosa.....	9	.....	39	.....	16	11	.....	27
Okeechobee.....	7	.....	33	.....	3	2	.....	5
Orange.....	51	.....	204	3	258	111	.....	369
Osceola.....	17	.....	78	3	1	18	.....	19
Palm Beach.....	59	.....	266	.....	47	26	.....	73
Pasco.....	10	.....	49	1	19	4	.....	23
Pinellas.....	.....	.....	.....	.....	260	18	.....	278
Polk.....	81	1	310	6	110	107	.....	217
Putnam.....	2	.....	8	.....	20	11	.....	31
St. Johns.....	1	.....	3	1	26	71	.....	33
St. Lucie.....	20	.....	87	1	4	11	.....	15
Santa Rosa.....	4	.....	18	.....	6	6	.....	12
Sarasota.....	1	.....	4	.....	41	13	.....	54
Seminole.....	26	.....	106	.....	54	33	.....	87
Sumter.....	3	.....	15	.....	5	5	1	11
Suwannee.....	.....	.....	.....	.....	15	4	.....	19
Taylor.....	14	.....	64	.....	16	3	.....	19
Union.....	.....	.....	.....	.....	.....	.....	.....	.....
Volusia.....	5	.....	21	.....	81	36	.....	117
Wakulla.....	3	.....	12	.....	20	5	.....	25
Walton.....	13	.....	50	.....	9	9	.....	18
Washington.....	7	31	6	1	7
Georgia*.....	22	1	81	2	2
TOTAL.....	1,199	10	4,500	129	3,377	1,284	15	4,676

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"SunFLAavor" is the new trademark adopted by Commissioner of Agriculture Doyle Conner to identify Florida's Agricultural products in the Nation's marketplace. It was selected from more than 10,000 entries in a statewide contest, and it will be used as a seal of quality on fruits, vegetables, and other products raised in Florida. Certain grades and standards are being set up for the use of this trademark and after their adoption arrangements will be made for producers, growers and shippers to start use of the trademark.